



Digitized by the Internet Archive
in 2014

<https://archive.org/details/b19974760M3326>



The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

Established 1859

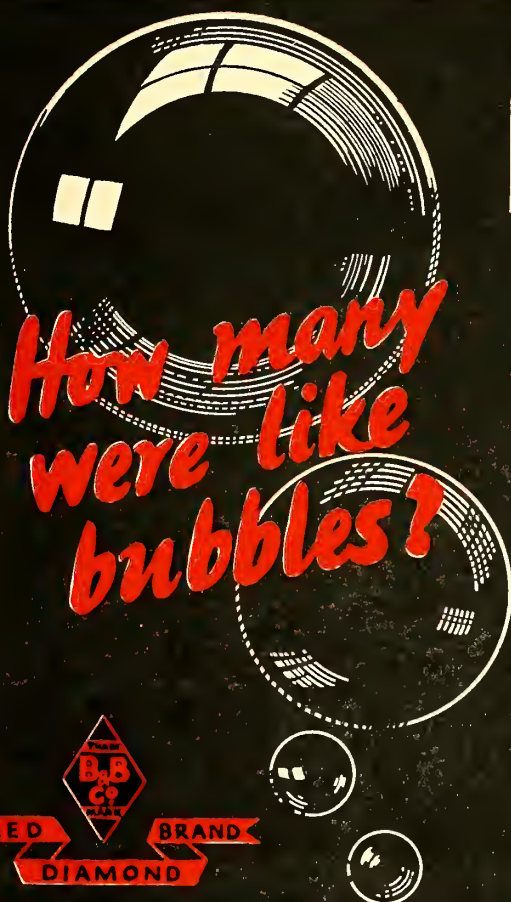
28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

No. 3184
VOL. CXXXIV

FEBRUARY 15, 1941

Annual Subscription (with
Diary) 25/-. Single Copies 9d.



BI-CENTENARY

1741 — 1941

TWO HUNDRED YEARS . . .
THROUGH WARS AND OTHER
ADVERSE TIMES THAT HAVE
BROKEN LESS SKILFULLY CON-
DUCTED BUSINESSES BURGOYNE'S
HAVE ALWAYS CARRIED ON
STEADFASTLY KEEPING TO
THEIR TRADE POLICY OF . . .
RELIABLE SERVICE AND
QUALITY . . . THAT'S WHY THEY
HAVE NOT BROKEN. AND
TODAY AS IN OTHER DAYS
BURGOYNE'S HUGE RESOURCES
ARE FULLY EQUAL TO THE
TASK THAT CONFRONTS THEM.

BURGOYNE BURBIDGES

Established 1741. & COMPANY LIMITED, LONDON. E.6



●
Send for
Bonus Terms

Because of the security it confers in respect of protected price and assured profit, Euthymol is a sound line from which you can secure good and profitable business. It has been on the P.A.T.A. for over 30 years and has no sixpenny size.

PARKE, DAVIS & CO., 50 BEAK ST., LONDON, W.1

EXTRACTS

**TINCTURES RESINOIDS
OLEO-RESINS MEDICINAL RESINS**

FOR EXPORT

**Specially prepared Non-
Alcoholic Soft Extracts for
making Liquid Extracts,
Tinctures, Concentrated
Infusions, etc.**

WILLIAM RANSOM & SON

ESTABLISHED 1846

Ltd.

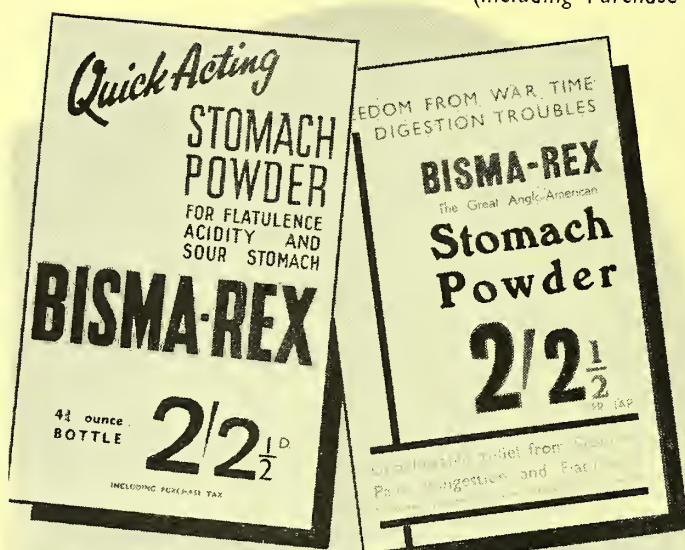
Manufacturing Chemists

HITCHIN near LONDON

Revised prices for BISMA-REX

$4\frac{3}{4}$ OZ. SIZE $2\frac{1}{2}$ 16 OZ. SIZE 6/-

(Including Purchase Tax)



These prices are now being advertised in the "Daily Telegraph" and other morning newspapers. Rexall Chemists should feature the showcards.



Enquiries to THE UNITED DRUG COMPANY LIMITED, Nottingham.

Safeguard their Health—



BIG SALES ASSURED when you recommend these *Crookes* products to prevent infection and illness in AIR-RAID SHELTERS

Radio and newspapers are emphasising the absolute necessity of safeguarding against disease in shelters this winter. And the public realise this fact too! Below are listed remedies and prophylactics for four common dangers to public health in air-raid shelters. They will prove big and steady sellers if you recommend them. Write today for details, including generous bonus terms and extra war savings certificate bonus scheme.

CROOKES' HALIBUT OIL

A safeguard against diseases arising from vitamin deficiency due to scrappy, inadequate and irregular shelter meals. It is 80 times richer in Vitamin A and 30 times richer in Vitamin D than good cod liver oil. Specially suitable for children since it is administered as 'a drop instead of a spoonful.'



CROOKES' COLLOTONE

A reliable reconstituent with very rapid action, Crookes' Collotone is a pleasantly flavoured hæmâtinic for general use and in the treatment of debility and depression of nervous origin.



CROOKES' BROMOFORM CO.

An insistent cough will keep the sufferer—and those who happen to be near him—awake all night. Crookes' Collosol Bromoform Co. gives almost immediate relief and ensures a good night's rest. Most valuable in whooping cough and bronchial affections.

CROOKES' GLYCO-KARVOLENE

An effective and refreshing method of preventing and remedying affections of the mouth and throat. Crookes' Glyco-Karvolene can be used with equal effect as a gargle, mouth-wash or spray.



THE CROOKES LABORATORIES (British Colloids Ltd.) PARK ROYAL, LONDON, N.W.10
Telephone: Willesden 6313 (5 lines)

Telegrams: Collosols, Harles, London

T.G.S.

B

"**EVERY** WOMAN



IS A POTENTIAL CUSTOMER FOR
RENDELLS PRODUCTS

FOR FEMININE HYGIENE

Says **NURSE DREW**

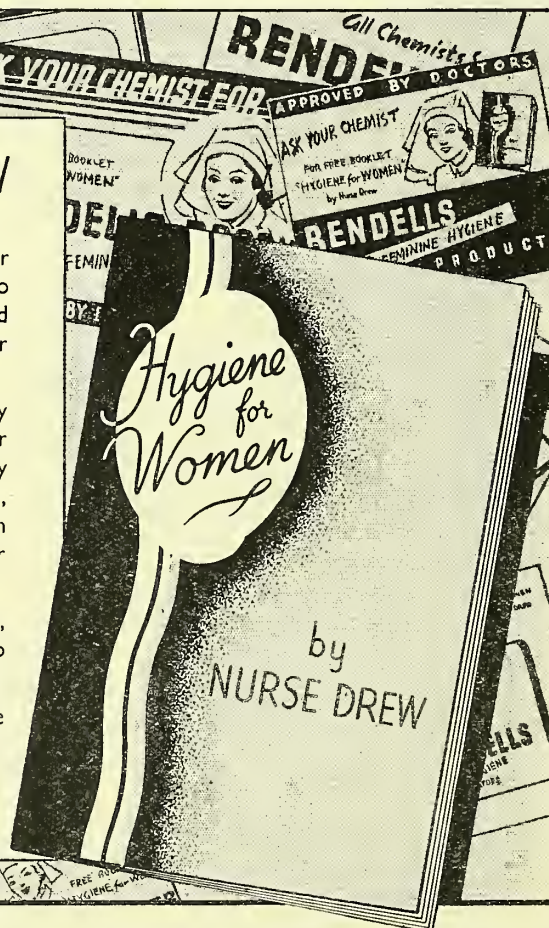
There is one or more of Rendells Products for feminine hygiene which is of vital interest to every woman, and which are fully described by Nurse Drew in her Booklet, "Hygiene for Women."

This now famous Booklet has been widely advertised, and women are asking their Chemists for a free copy. This is usually followed by the purchase of Rendells Products, hence failure to supply the book may mean the eventual loss of a sale, or even a regular customer.

Already 50,000 women have received this book, and our national advertising will continue to give it still further publicity.

Write to-day for a free supply for counter use and the latest Chemists' Display Material.

W. J. RENDELL LTD.
HARDWICK HOUSE, 161-5 ROSEBERY AVENUE
LONDON, E.C.1



WE'RE ADVERTISING THIS BOOKLET EXTENSIVELY-HAVE IT ON YOUR COUNTER

INDEX TO ADVERTISERS

Acton Pill & Tablet Co., Ltd. Leader Page	Burgoyne, Burbidges & Co., Ltd. Front Cover	Fassett & Johnson, Ltd.....	19
Anzora, Perfumery Co., Ltd.....	11	Fellows Medical Manfg. Co., Ltd.	ix
Armour Laboratories, The.....	16	Ferber, Robert, Ltd.....	vi
		Ferris & Co., Ltd.....	10
		Freudentheil, Smith & Co. Leader Page	
Bell, John, Hills & Lucas, Ltd. Leader Page	Camden Chemical Co., Ltd.....	17	
Bengué & Co., Ltd.....	vii	Castle Huskisson, Ltd.....	iv
Berton, Arthur, Ltd.	18	Cephos, Ltd.....	viii
Blackwell, Hayes & Co., Ltd.....	ii	Cossor, A. C., & Son (Thermo- meters), Ltd.	18
Box CDB/340	iv	County Perfumery Co., Ltd.....	13
British Cod Liver Oil Producers (Hull), Ltd.	vii	Cox, Arthur H., & Co., Ltd.....	8
British Drug Houses, Ltd., The Cover iv		Crookes Laboratories (British Colloids, Ltd.).....	3
British Felsol Co., Ltd.....	Leader Page	Daniel, Richard, & Son, Ltd.....	17
British Thomson-Houston Co., Ltd.	5	D.D.D. Co., Ltd.....	6
Brooks & Warburton, Ltd.	17	Everett, S. & R. J., & Co., Ltd.....	17
		Griffiths Hughes, E., Ltd.....	20
		Halex, Ltd.....	Leader Page
		Hampson, F., Ltd.....	22
		Harris, Hart & Co., Ltd.....	ii
		Haywood, J. H., Ltd.....	14
		Howard, Lloyd & Co., Ltd.....	vii
		Howards & Sons, Ltd.....	i
		International Laboratories, Ltd.	ix
		Jacquesil Fabrics, Ltd.....	10

(continued overleaf)

A SIGN FOR THE TIMES

SAVE
BY USING
MAZDA
COILED-COIL
LAMPS
They give up to
20% MORE
LIGHT
for the same current or the
same light for less current



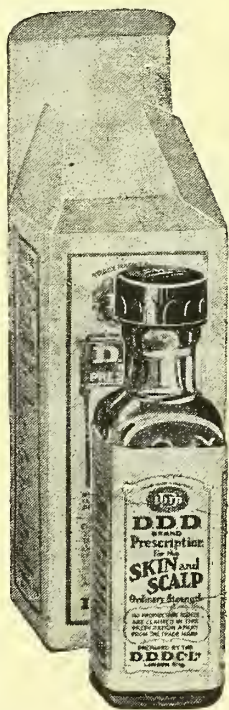
3894

BTH for all
Electrical
Plant and
Equipment

THE BRITISH THOMSON-HOUSTON CO., LTD., CROWN HOUSE, ALDWYCH, LONDON, W.C.2

INDEX—contd.

Lanalog, Ltd.....	9	Oxo, Ltd.....	viii	Scurr, C. A.....	Col. Supp.
Lennon, Ltd.....	vi	Parke, Davis & Co.....	Cover ii	Splendor, Ltd.....	14
London Capsule Co.....	16	Phosferine (Ashton & Parsons), Ltd.	viii	Sturge, John & E., Ltd.....	iv
Mather, Wm., Ltd.....	14	Pierrot Mufg. Co.....	Leader Page	Suter, A. F., & Co., Ltd.....	iii
Matthews & Wilson, Ltd.....	vi	Pifco, Ltd.....	10	Thermega, Ltd.	10
McGuffie, John, & Co., Ltd.....	15	Plant Protection, Ltd.....	18	United Drug Co., Ltd.....	2
Medico-Biological Laboratories, Ltd.	x	Potter & Clarke, Ltd.	21	Valay Products	10
Meggeson & Co., Ltd.....	12	Ransom, Wm., & Son, Ltd.....	1	Veno Drug Co., Ltd.....	7
Mehta Bros.....	iv	Rendell, W. J., Ltd.....	4	Warrick Bros., Ltd.....	24
Mysore, Trade Commissioner for, in London.....	iii	Riley, J., & Sons, Ltd.....	iii	Washington Chemical Co.	Leader Page
Napp, H. R., Ltd.....	Leader Page	Samona, Ltd.....	16	Whiffen & Sons, Ltd.....	Cover iii
National Association of Opticians	Leader Page	Samuelson, P., & Co.....	ii	Zimmermann, C., & Co., Ltd.....	v
Newball & Mason, Ltd.....	Leader Page	Savory & Moore, Ltd.....	Leader Page		



D . D . D . B R A N D P R E S C R I P T I O N

and all the well-known D.D.D. Lines—still able to meet all demands

We all have trading difficulties to overcome. Fortunately in spite of "disturbances" we have been able to keep supplies of D.D.D. Lines equal to demand and furthermore we have been able to carry on our advertising programme in the national dailies and the weekly press for our popular and at this time very useful D.D.D. Brand Prescription. However, to avoid delays and difficulties in delivery we ask that your orders for D.D.D. Brand Prescription and associated lines should be placed as far ahead as possible.

CURRENT PRICE LIST

(Including Purchase Tax)

D.D.D. Prescription	1/5	D.D.D. Shaving Cream	1/10 ³
" "	3/4 ¹	" Vanishing Cream	1/10 ³
" "	5/7 ¹	" Cold Cream	1/10 ³
" "	13/6	" Talcum Powders	1/10 ³
" Soap	1/3	" Shampoo Powders	1/10 ³
" Shaving Soap	1/7		

D.D.D. COMPANY LTD.

3 FLEET LANE, LONDON, E.C.4

Telephone: Central 2185



VENO, ENO & THERMOGENE Products **PAY THEIR WAY**

You never find these wonderful lines remaining on your shelves, the same old stock month after month. The turnover of Veno, Eno and Thermogene products is quick and profitable. Every line portrayed above is a natural builder of goodwill. Do not sidetrack this amazing goodwill by keeping stocks hidden away behind your counter. Show them! Display them in your window! Take every advantage of Veno, Eno, Thermogene popularity and lay the solid foundation of paying business. If you need display material kindly write at once to the address below.

VENO DRUG CO. LTD.

CHESTER ROAD, MANCHESTER 16

for quick relief from **COLDS** ETC.



THERMAL WOOL Dragon Brand	Small	Per Dozen 5/6	} Exempt Purchase Tax
	Large	9/-	
NAZALGENE Brand BALSAM	Nozzled Tubes	6/6	} Subject to Purchase Tax 16 2/3 %
	7 drm. Botts.	9/3	
" " INHALANT	2 1/2 oz. Botts.	6/6	
	5 oz. Botts.	9/9	
CATARRH AND BRONCHIAL SYRUP	4 oz. Botts.	9/3	

All Prices are subject to Market Fluctuations and materials being available.

ARTHUR H. COX & CO. LTD. (EST. 1839) BRIGHTON

5 GOOD REASONS FOR STOCKING

Lanalol

**HAIR
FOOD**

Goes to the Root of the Trouble

1. Because it gives universal satisfaction to the customer.
2. Because there is no dead stock with Lanalol, which has completely established itself in public favour.
3. Because Lanalol is continually advertised and the attractive publicity ensures a constant demand.
4. Because, as a hair-growing preparation of undoubted merit, Lanalol eradicates dandruff and stimulates the hair growth to an amazing degree.
5. Because Lanalol is offered on P.A.T.A. terms showing good profits to the retailer.

LANALOL No. 1 with Oil - - - (Yellow Label)
 No. 2 without Oil - - - (Green Label)
2/6 per bottle, plus 7½d. purchase tax.

Try LANALOL HAIR FOOD (Solidified)

The Ideal Brilliantine. Packed in attractive bakelite container.
Also 2/6, plus 7½d. purchase tax.

LANALOL SHAMPOO

The Liquid Soap de Luxe, which has proved an instant success.
2/6 bottle, plus 7½d. purchase tax

IMPORTANT TO THE TRADE

If you have not been able to secure Lanalol Preparations from your usual wholesaler, please apply for special offer direct to
LANALOL LTD., 20 HOLBORN, LONDON, E.C.1

RAZOR BLADE SHORTAGE — and the Answer

The 'N & P'

RAZOR BLADE SHARPENER

(FULLY PATENTED)



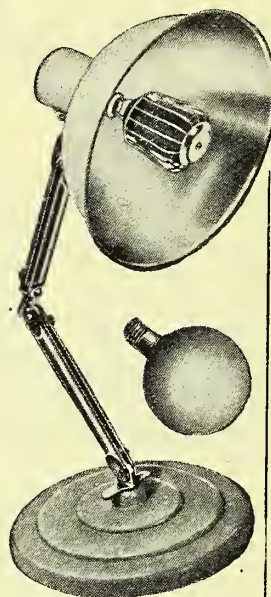
at 1/3 each retail

Scientifically designed to re-sharpen used blades evenly and within a few seconds. This attractive and easy to use unit commands a new and wide market.

All Wholesale and other enquiries to the
Sole Distributors

VALAY PRODUCTS
DORLAND HOUSE, REGENT ST.
LONDON, S.W.1

As easy to SELL as to use!



The PIFCO INFRA-RED and RADIANT HEAT Lamp

The Pifco Infra-red and Radiant Heat Lamp is a "sell-on-sight" line which to-day's living conditions have made an even bigger winner. It sells itself because of the acknowledged benefits it brings in soothing "war nerves" and in the treatment of Lumbago, Neuralgia, Rheumatism, Sciatica and other winter ills. Designed on identical lines with the lamps of the hospital, but adapted for home use, it is, in short, highly efficient, safe and simple to use. These facts, plus a selling price that is RIGHT, mean sales—and still more sales!

9-inch diameter parabolic reflector. Double arm any angle supporting pillar, all heavily chromed. 9-inch cast base. Complete with Infra-red Element and Radiant Heat Bulb. 6 ft. flex cord. Write for full particulars and for trade terms.

PIFCO LTD.

Watling Street, Manchester
London Office: 63 Gt. Eastern St., E.C.2

PRICE 75/- INCLUSIVE
subject OF TAX

NIGROIDS for the Throat and Voice

Registered Trade Mark

WHOLESALE TERMS ON APPLICATION

Sole Makers: **FERRIS & CO. LIMITED, BRISTOL**

STOCK—

'DAWN' RAVELPROOF
FACE CLOTHS

—and increase your face cloth business

'Dawn' Ravelproof Face Cloths are made in a range of qualities at various prices. All produced in assorted colours, attractively packed in 'Cellophane' and ready to hand over. A face cloth that is different and never gets slimy. Ask for the new 14" DAWN Sponge Cloth. Obtainable from your usual Wholesaler.

JACQUES L. FABRICS Ltd. Red Bank Mill, RADCLIFFE, Lanes.
London Agent: G. H. Bolton, Oxford Hse., Falcon Sq., Aldersgate St., E.C.1



There's WEALTH in HEALTH Sell Health through 'THERMEGA' ELECTRIC PADS AND BLANKETS

The health-preserving properties of "Thermega" Blankets will appeal to your customers. Sell them sound, healthy sleep, and you will reap a wealth of good profit.

Explain the great relief afforded by the comforting dry-warmth of a "Thermega" Electric Blanket—stress its advantage to invalids, and sufferers from Rheumatism, Neuritis, Influenza, etc.

A vital necessity in all cases of shock.

The "Thermega" pad is ideal for LOCAL APPLICATION.

'Thermega'
ELECTRIC HEATING
PADS & BLANKETS

Thermega Blankets and Pads will operate on voltages from 100 to 250. Thermostatic temperature control. 12 to 17 hours constant warmth for one unit. Blankets and Pads retail at 73s. and 36s. 6d. respectively. Special Medical single-heat Blankets £4 12s. 6d. Three-heat Medical Blanket £7 5s.

Full details, terms, etc., from

THERMEGA LTD.
51-53 Victoria Street, S.W.1
(Phone: ABBey 5701)

Insist on "Thermega." It is vital that these appliances should be made by experienced manufacturers.

REVISED PRICES

ANNOUNCED BY

ANZORA

PERFUMERY COMPANY LIMITED

Showing the Purchase Tax chargeable on Anzora Products

	OLD PRICES		PURCHASE TAX	NEW PRICES	
	To Public	To Retailer		To Public	To Retailer
ANZORA CREAM and VIOLA	6d. each	4/- doz.	1/4 doz.	7½d. each	5/4 doz.
	9d. „	6/- „	2/- „	11d. „	8/- „
	1/3 „	10/- „	3/4 „	1/6½ „	13/4 „
	2/3 „	18/- „	6/- „	2/9 „	24/- „
	4/- „	32/- „	10/8 „	4/10 „	42/8 „
NUZORA HAIR CREAM	6d. each	4/- doz.	1/4 doz.	7½d. each	5/4 doz.
	1/- „	8/- „	2/8 „	1/2½ „	10/8 „
ANZORA Brilliantine Popular De Luxe	9d. each	6/- doz.	2/- doz.	11d. each	8/- doz.
	1/- „	8/- „	2/8 „	1/2½ „	10/8 „
ANZORA Wave Setting Lotion Spirit & Plastic	6d. each	4/- doz.	1/4 doz.	7½d. each	5/4 doz.
	1/- each	8/- „	2/8 „	1/2½ „	10/8 „

Each complete dozen of Anzora Cream, Anzora Viola, Anzora Brilliantine and Anzora Wave Setting Lotion, all sizes except 7½d., will entitle the purchaser to a free bottle, i.e. 13 to the dozen.

but Purchase Tax must be paid on the full number, i.e. 13. Complete dozens of Nuzora Cream in jars or tubes, except 7½d. size, will be charged as 11 only but the Purchase Tax must be paid on 12.

*Ask for special quantity discounts given
in consideration of window display on
quantity purchases of 30/-, £3 and £5.*

Sole Distributors:

NEWBERY & PHILLIPS, LTD., Victoria House, Southampton Row, W.C.1

ANZORA PERFUMERY CO., LTD. Dalston Gardens, Stanmore, Middlesex

TELEPHONE: WORDsworth 3631

EACH DAY OUR BEST BECOMES *better*



Nevertheless we still have major difficulties to contend with—principally in production. These difficulties are complicated by others—transport problems, for instance, and the fact that we are sometimes out of touch with our salesmen for days on end. We therefore ask our many friends in Pharmacy to bear these things in mind if Meggeson deliveries are not quite so expeditious as in the past.

A. S. J. PAINTER
(Sales Director)



J. F. COOK, M.P.S.
(Midlands and East Counties)



C. F. H. COOPER
(London and West End)



F. D. L. BURGE
(Home Counties)



J. P. DAWE
(South Western District)



Mrs. H. ODAMS
(South London)
Deputising for Mr. Odams
in R.A.F.



E. G. WILLIAMS
(Northern England)



E. O. MORT
(Wales and West Country)



R. D. HOBBS
(North-West England)



M. STRANG
(Scotland)

MEGGESON SERVICE WILL GO ON

MEGGESON & CO. LTD

LONDON, S.E.16



PURCHASE TAX

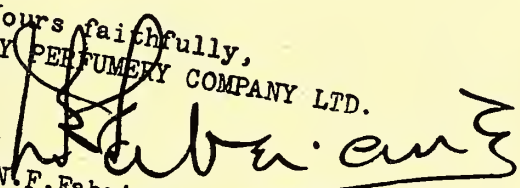
County Perfumery Company Ltd.
North Circular Road
WEST TWYFORD. LONDON. N.W.10.

Dear Sir,

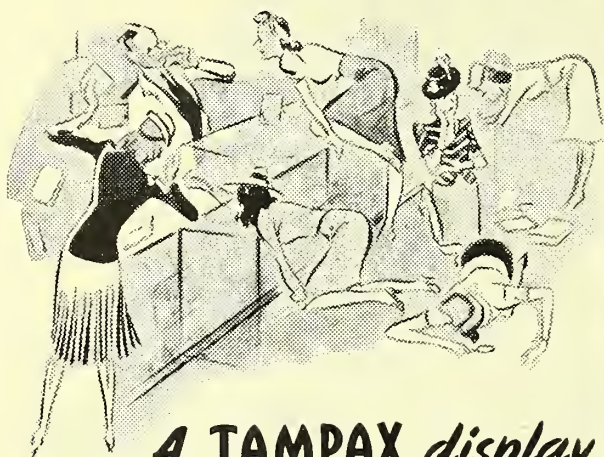
We have to pay over to the Treasury every penny of Purchase Tax that we charge you on our Invoices and we get paid nothing for all the work involved, so although we are still able to offer you our pre-war Cash Discounts for payment of Accounts for goods, we cannot allow any deductions from tax. That is why our Invoices and Statements show the value of goods and tax separately. When you pay for goods please pay tax at the same time in full without any deduction at all.

Thank you.

Yours faithfully,
COUNTY PERFUMERY COMPANY LTD.


(N.F. Fabricius)
Managing Director.

*They're looking for it
in YOUR SHOP!*



*A TAMPAX display
sends PROFITS soaring!*

The more you *display* Tampax the more you sell. Once women know they can get it in your shop you've got an assured regular demand. (Many Tampax customers have evacuated from their home towns and are settling into new areas. That's a *special* opportunity for the Tampax dealer). Tampax—compact and handy with an attractive pack and a lightning turnover—is the ideal show line: doesn't want much house room: doesn't gather dust on your shelves: makes a good show in your window and on your counter: gives you a useful profit on every sale.



TRADE TERMS. P.A.T.A. PRICES

- | | | |
|-----------------|---------------------|-------------------|
| ★ PACKETS OF 10 | Wholesale 13/6 DOZ. | Retail 1/6 PACKET |
| ★ PACKETS OF 6 | Wholesale 9/- DOZ. | Retail 1/- PACKET |
| ★ PACKETS OF 3 | Wholesale 4/6 DOZ. | Retail 6d. PACKET |

Manufactured in England by Tampax Ltd., Belvue Rd., Northolt, Middx.
Sole Distributors: **SPLENDOR LTD.**, 5 Beeston Hill, Nottingham,
and 7c Lower Belgrave Street, London, S.W.1

Surgical APPLIANCES

EXPERTS in SPECIAL ARTICLES to measure. Ladies and Gents ABDOMINAL BELTS for all purposes. CHEST EXPANDING BRACES. SUSPENSORY BANDAGES, ELASTIC HOSIERY (Seamed and Seamless), TRUSSES (Spring and Elastic) for all types of Hernia.



Wholesale Dealers in Medical Glass, Surgical Dressings, Invalid & Nursing Requirements. Water and Air-proof goods. General Sundries. Send for list.

J. H. HAYWOOD LTD.
EST. 1830
11 WARSER GATE, NOTTINGHAM
Phone: Nottingham 40488 Grams: "Appliance, Nottingham"

WILLIAM MATHER, LIMITED

DYER STREET, MANCHESTER. (Established 1826)



ZINC OXIDE and RUBBER ADHESIVE PLAISTER
ON SPOOLS

POROUS PLAISTERS. ELASTIC PLAISTER BANDAGES
ANTISEPTIC PLAISTER DRESSINGS, "CROCUS" CORN
COMFORT, Etc.

CASTELLAN^{BRAND} N^o 10 COUGH MIXTURE

AND
CASTELLAN Cough SYRUP FOR CHILDREN

SPECIAL BONUS OFFER

Assorted Parcel	Castellan No. 10	Bonus	Disct.	Net Cost	Selling Price
No. 1	12 @ 1/1½ 9 @ 2/-	1 @ 2/-	Nil	@ 9/- 9 0 @ 15/9 11 9 Tax on Gds. 1 0 9 " " Bonus 3 5 3 £1 4 5	£ s. d. 13 6 18 0 Bonus 2 0 £1 13 6 Profit 9 1
No. 2	x 24 @ 1/1½ 6 @ 2/- 3 @ 3/1 12 Syrup @ 1/1½ 3 " @ 2/-	3 @ 2/-	10%	@ 9/- 18 0 @ 15/9 7 11 @ 24/9 6 2 @ 9/- 9 0 @ 15/9 3 11 2 5 0 Less 10% 4 6 2 0 6 Tax on Gds. 7 6 " " Bonus 8 £2 8 8	£ s. d. 1 7 0 12 0 9 3 13 6 6 0 Bonus 6 0 3 13 9 Profit £1 5 1
No. 3	72 @ 1/1½ 18 @ 2/- 6 @ 3/1 7	7 @ 2/-	10%	@ 9/- 2 14 0 @ 15/9 1 3 8 @ 24/9 12 5 4 10 1 Less 10% 9 0 4 1 1 Tax on Gds. 15 0 " " Bonus 1 6 £4 17 7	£ s. d. 4 1 0 1 16 0 18 6 14 0 Bonus £7 9 6 Profit £2 11 11
No. 4	87 @ 1/1½ 24 @ 2/- 12 @ 3/1 4 @ 5/1	12 @ 2/-	10%	@ 9/- 3 5 3 @ 15/9 1 11 6 @ 24/9 1 4 9 @ 40/6 13 7 6 15 1 Less 10% 13 6 6 1 7 Tax on Gds. 1 2 6 " " Bonus 2 7 £7 6 8	£ s. d. 4 17 10½ 2 8 0 1 17 0 1 0 4 1 4 0 Bonus £11 7 2½ Profit £4 0 6½

JOHN MCGUFFIE & CO. LTD. are the Owners
of The TRADE MARK "CASTELLAN"
and the Manufacturers of
CASTELLAN BRAND No. 10 Cough Mixture

**MEDICAL
BOOKS
FREE**

To every chemist taking advantage of above special bonus offers a dozen copies of CASTELLAN Books will be sent Free of Charge for distribution to his customers.

Name

Address





**MEDICINAL PRODUCTS
OF
ANIMAL ORIGIN**



Chemist Counter Lines

**ARMOUR'S FLAVOURED JUNKET
GLANOID CALF'S FOOT JELLY**

**A FULL RANGE OF GLANDULAR
PRODUCTS PREPARED FROM FRESH
WARM GLANDS SUPPLIED IN
AMPOULES, TABLETS, LIQUIDS
AND CAPSULES**

**available in Package Form
or Bulk Containers**

Also PEPSIN all strengths

**PEPTONE
both Bacteriological and
Commercial**

ADRENALIN B.P. 1932 (Pure)

PANCREATIN U.S.P

OX GALL **Inspissated
Powdered
Purified**

BILE SALTS POWDER

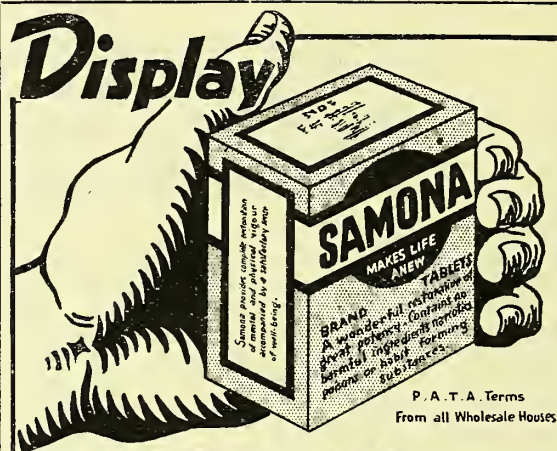
Send your enquiries to :

**THE
Armour Laboratories**
(ARMOUR AND COMPANY LTD.)

THORNTON HOUSE · FINSBURY SQUARE · LONDON · E.C.2

'Phone National 2424

Grams Armosata-Finsquare, London



P. A. T. A. Terms
From all Wholesale Houses

SAMONA

**THE WONDERFUL MEDICAL RESTORATIVE
which brings immediate benefit in all cases of
NERVE STRAIN
DEPRESSION
TIRED and LISTLESS APPEARANCE
MENTAL AND PHYSICAL
EXHAUSTION**

Prices 3s. and 5s. (more than double quantity)

Exclusive of purchase tax

SAMONA, LTD., 16 CHARTERHOUSE ST., LONDON, E.C.1

"Adaptocaps"

SELF-SEALING CAPSULES

**FOR ALL
BOTTLE
CAPPING**

**LONDON
MADE**

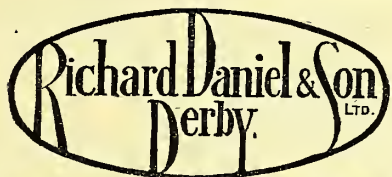


**THE
CAPSULE REMOVER
ENSURES EASY AND
RAPID REMOVAL OF
THE CAPSULE. IT
ALSO ADDS A SEAL
OF QUALITY**

**THE LONDON
CAPSULE CO.**

EMPIRE WORKS · MITCHAM ROAD · CROYDON

Telephone THORNTON HEATH 1234/5



**TABLETS &
PILLS**

**WE ARE WELL EQUIPPED
TO SUPPLY YOU WITH ALL
STANDARD LINES FROM
STOCK — OR CAN MAKE
YOUR SPECIALITY IN
SMALL OR LARGE QUANTITIES**

May we send you our List ?



WHOLESALE & EXPORT ONLY

HYPODERMIC NEEDLES

OF ALL DESCRIPTIONS

**S. & R. J.
EVERETT
& CO., LTD.**

Original makers of
STAINLESS STEEL NEEDLES
OUR SPECIALITIES INCLUDE THE
ORIGINAL RECORD FITTING AND N.H.I.
SPECIFICATION HYPODERMIC NEEDLES.
Also the Famous 'SUMMIT' hypodermic
needles now ALL BRITISH MADE.
Comprehensive catalogue sent on request.
Telephone : Thornton Heath 3252-3.

**939, LONDON ROAD,
THORNTON HEATH, LONDON, S.W.16**

CAMDEN CHEMICAL CO. LTD.

NORTHINGTON HOUSE, NORTHINGTON ST.
LONDON, W.C.1

have pleasure in announcing that they
have recently acquired the business of
HOMBURG PHARMA, LTD.,
and all Homburg and Chemosan pre-
parations will for the future be made and
marketed by them. Orders and enquiries
will receive careful attention and the
reputation of the products will be
maintained. Camden Chemical Co., Ltd.,
makers of

'DERIPHYLLIN'
'EUPHAGIN'
'KAMILLOSAN'
'NOHAESA'
'PERPHYLLON'
'PITUCHINOL'
'TONERGETICUM'
'SOLVOCHIN'
'TRANSPULMIN'
'THYMOPHYSIN'
'METUVIT'
'STRYPHNON'
etc.

Telephone: Holborn 7524 Telegrams: Camkemco, Holb, London

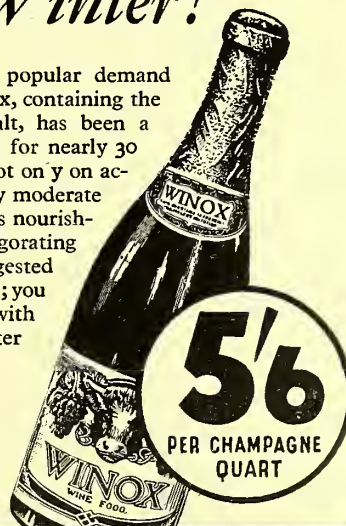
They all need

WINOX

this Winter!

Pick-me-ups are in popular demand
this winter and Winox, containing the
finest meat and malt, has been a
favourite tonic wine for nearly 30
years. It still is — not only on account
of its extremely moderate
price but because it is nourish-
ment in its most invigorating
form, specially predigested
and easily assimilated; you
can recommend it with
confidence after 'shelter
colds' and 'flu.

*You can secure supplies from
your usual wholesaler, but
if any difficulty is ex-
perienced write to the Sole
Distributors for the trade:*



BROOKS & Warburton Ltd.
232-242 VAUXHALL BRIDGE ROAD, LONDON, S.W.1

"CYMAG"

*kills
Rabbits & Rats*

Ample supplies available

PLANT PROTECTION LTD · YALDING · KENT

DISKA

BULB

REG. NO. 815689

CLINICAL THERMOMETERS

Diska Bulb Clinical
Thermometers are recog-
nised as the most perfect
type of clinical
thermometers to use



Note the Special Disc Shaped Bulb

**OBTAINABLE AT FIXED PRICES
FROM ALL WHOLESALE HOUSES**

Sole Manufacturers

A. C. COSSOR & Son (Thermometers) Ltd. London

ARTHUR BERTON LTD.

"BRITANNIA HOUSE"

256/260 Old Street, London, E.C.1

have been, for over

90 years,

specialists in the

manufacture of

SURGICAL DRESSINGS



The Medical Profession and the public have endorsed the restorative and fortifying qualities of 'SUPAVITE' which provide a 15 day course of VITAMINS AND "PLUS-ENERGISING" MINERALS—iron, calcium, and phosphorus—in handy capsule form.

A SUSTAINED LARGE-SPACE NATIONAL ADVERTISING CAMPAIGN

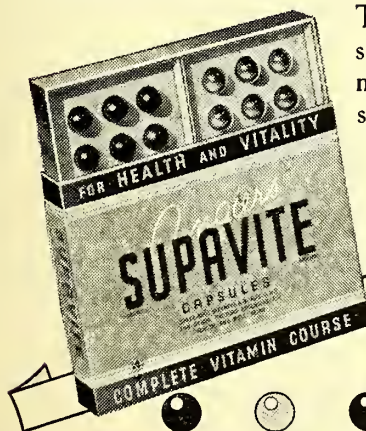
is now proceeding and 'SUPAVITE' sales are soaring. Are you getting your share of this new and handsome profit?

We invite your order now for

Write for special counter or window display terms.

Angiers
SUPAVITE
 REGD. CAPSULES BRAND

There are NO QUOTA RESTRICTIONS on 'SUPAVITE' sales. Co-operate by displaying the attractive 'SUPAVITE' multi-coloured showcard, and more than make up for your lost sales on restricted products by this NEW TURNOVER



NATIONAL ADVERTISING
 NO QUOTA RESTRICTIONS
 NEW SOURCE OF PROFIT

FASSETT &
 JOHNSON LTD.
 86 Clerkenwell Road
 London, E.C.1

KARSODRINE

REGD.

BRAND

THE NEW VOLATILE VASOCONSTRICTOR

(containing B-phenylisopropylamine)

SELLING AT THE
REASONABLE PRICE OF1'6^D

(INCLUDING TAX)



In the
PATENT INHALER
with only
ONE CAP TO REMOVE

EVERY danger produces its remedy. To combat the serious danger of widespread epidemics of nasal infection comes KARSODRINE—the volatile vasoconstrictor in the new pocket inhaler with only one cap to remove.

A modern scientific "talisman" which can easily be carried by anyone.

Used at the onset, Karsodrine will frequently abort nasal infection in a matter of hours, whilst in advanced stages of Head Colds, Catarrh, Sinusitis and Nasal Influenza, the symptomatic relief obtained is most marked.

Considered Medical Opinions

Nasal Catarrhal Infections

I found your Karsodrine Inhaler very effective, giving immediate relief in the obstruction of nasal catarrhal infections. It is, moreover, pleasant and smooth to the nasal mucous membrane.

Chronic Rhinitis

I am happy to relate that your Karsodrine Inhaler is quite the most efficient inhaler I have ever tried, and being a victim of chronic rhinitis I can speak with conviction. A most reliable and thoroughly efficient preparation. Quick relief and the single nozzle most commendable.

For Protection from—and Treatment of NASAL INFECTION, COLDS, CATARRH, 'FLU, etc.

Notably Long-Lasting

I must thank you very much indeed for the Karsodrine Inhalers which I have used personally and distributed to some of my patients. I have found the product very useful in all congestive conditions of the nasal mucosa and sinuses and it is notably long-lasting.

Antrum Infection

I have myself suffered for some time from an antrum infection and have found greater relief from the use of your Karsodrine Inhaler than anything else I have tried and it seems possible I may be cured in time. I have also had very good reports from patients to whom I have handed Karsodrine Inhalers.

Lasting Effectiveness

I am able to tell you that the preparation (Karsodrine Inhaler) appears to equal in potency any similar ones I have used and in the packing you employ undoubtedly retains its effectiveness for a considerably longer period.

R Each Karsodrine Inhaler contains:

B-phenylisopropylamine 0.330 gm.: Cineol 0.093 gm.: Ol.
Citronell 0.026 gm.: Methyl-o-oxybenzoate 0.023 gm.:
Eucalypt 0.089 gm.: Ol. Cedri Lig. 0.005 gm.: Menthol 0.049 gm.

Shows you up to
5'2^{1d}/₂ per dozen Profit

even on small quantities, when ordered with other "Griffiths Hughes" Pharmaceutical lines

Trade Terms gladly sent on request to E. GRIFFITHS HUGHES LTD., ADELPHI, SALFORD, 3, MANCHESTER

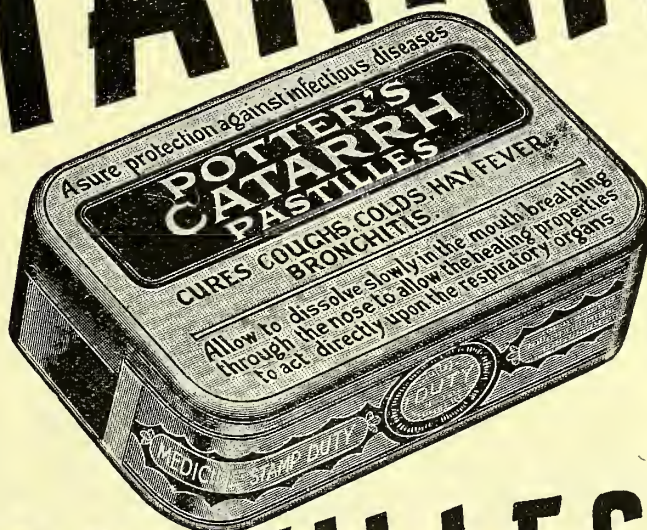
A PRODUCT OF



LABORATORIES

POTTER'S

CATARRH



PASTILLES

A SAFE AND RELIABLE REMEDY KNOWN THE WHOLE WORLD
OVER AND BACKED BY NATIONAL PRESS ADVERTISING.
AN ESSENTIAL LINE FOR EVERY CHEMIST

P · A · T · A · 1/5
(Including Tax)

11/- PER DOZEN
(Tax extra)

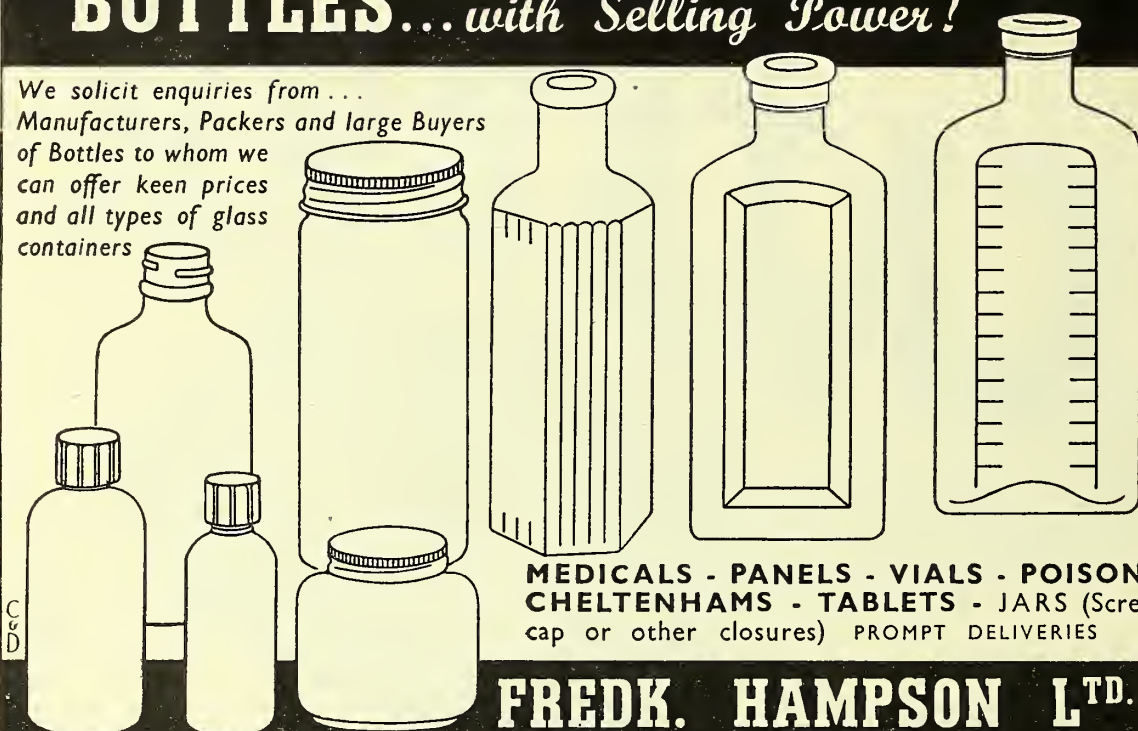
POTTER & CLARKE LTD

60-64 Artillery Lane, **LONDON, E.1**
77 Dantzic Street, **MANCHESTER, 4**

'Phone : B1Shopsgate 4761 (6 lines)
'Phone : BLAckfriars 8734

BOTTLES...with Selling Power!

We solicit enquiries from...
Manufacturers, Packers and large Buyers
of Bottles to whom we
can offer keen prices
and all types of glass
containers



MEDICALS - PANELS - VIALS - POISONS
CHELTENHAM - TABLETS - JARS (Screw
cap or other closures) PROMPT DELIVERIES

FREDK. HAMPSON LTD.

ESTABLISHED 1851

TELEPHONE: TRAFFORD PARK 0814-5

PERSEVERANCE GLASS WORKS SALFORD. 5

THE LIMITATION OF SUPPLIES ORDER and THE PURCHASE TAX

—will not limit the stock you have for sale if you are able to offer goods of your own manufacture.

The first essential is a reliable recipe book of tried and tested formulas. The best book for this purpose—comprehensive—practical—and indeed the most complete work of its kind in any language is

PHARMACEUTICAL FORMULAS (Volume II)

It provides exactly what is required by the manufacturer or retailer who is alive to the immense opportunities of developing new business by the production and marketing of new lines.

It contains nearly 1,000 pages and many thousands of profitable and easily compounded formulas for Toilet Preparations, Hair Preparations, Dental Preparations, Perfumes, Culinary and Household Requisites, Cleaning Materials, Polishes, Soaps, Pastilles, Lozenges, Varnishes, Lacquers, Adhesives, Horticultural and Agricultural Preparations, Fertilisers, Veterinary Products, Beverages and many miscellaneous preparations.

Don't tell your customers you are 'out of stock.' You can make, and build up, a sound business for your own specialities. This book is a real money maker at the present time. It will repay its cost in a single week.

Copies are still available at the pre-war price of 15/- (15/9) post free. Rising production costs will necessitate a big advance in price for new editions.

Your usual wholesaler can supply or the postman will deliver a copy by next mail if you

Order Now, Using this Coupon

THE CHEMIST AND DRUGGIST

The Pitman Press, BATH

Please send $\frac{me}{us}$ $\frac{copy}{copies}$ of Pharmaceutical Formulas Vol. 2

Affix
Address
Label
here

Postal Order for

herewith

Sugar Economy in Dispensing

The Therapeutic Requirements Subcommittee of the Medical Research Council recommends the use of equivalent compressed products in place of certain syrups (*Lancet*, April 6, 1940, page 660).



TRADE MARK 'TABLOID' BRAND CHEMICAL FOOD

dr. 1/2 and dr. 1 (sugar-coated)

Equivalent to corresponding doses of official Compound Syrup of Iron Phosphate. Commonly known as Parrish's Syrup.

TRADE MARK 'TABLOID' BRAND EASTON SYRUP

dr. 1/2, dr. 1, 2 c.c. and 4 c.c. (sugar-coated)

Equivalent to corresponding doses of Easton Syrup, B.P.

TRADE MARK 'TABLOID' BRAND HYPOPHOSPHITES COMPOUND

gr. 1-1/2 and gr. 3 (plain or sugar-coated)

Equivalent to dr. 1/2 and dr. 1 respectively of Compound Syrup of Hypophosphites, B. W. & Co.

TRADE MARK 'TABLOID' BRAND GLYCEROPHOSPHATES COMPOUND

dr. 1/2 and 2 c.c. (sugar-coated)

Equivalent to dr. 1/2 and 2 c.c. respectively of Syrup of Glycerophosphates.

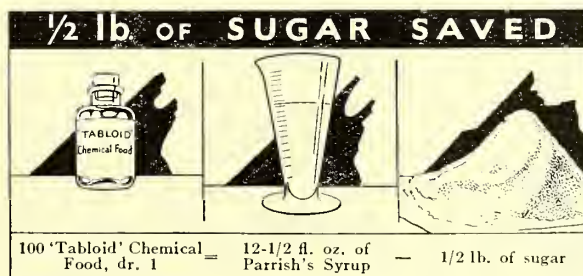
TRADE MARK 'TABLOID' BRAND THREE SYRUPS

dr. 1 (sugar-coated)

Represents Easton and Parrish's Syrups with Compound Syrup of Hypophosphites.

Each in bottles of 25 and 100 products

In dispensing 100 'Tabloid' Chemical Food in place of the equivalent volume of Parrish's Syrup you effect a saving of over 1/2 lb. of sugar after due allowance is made for that used in the sugar-coating. In dispensing 100 'Tabloid' Easton Syrup in place of the equivalent volume of the Syrup you effect a saving of over 1/4 lb. of sugar. These are two striking examples of the advantages of the 'Tabloid' products, but remember also their accuracy, reliability and unique keeping qualities.



G 2187

BURROUGHS WELLCOME & CO., LONDON

COPYRIGHT

WARRICK BROS. LTD

R. HENDRIE & CO. • ESTAB. 1760 • MADDOCKS & CO

FINE PRODUCTS FOR THE PHARMACY!

CAPSULES

Bulk, Packed and Speciality
Halibut Liver Oil
Cold Cure; Influenza
'Stankap'; Asthma; Digestive

LOZENGES

Iodized Throat; 'I-O-Mints'
Bismuth Co. B.P.; Antacid,
Linseed, Liquorice and Chlorodyne
Analgesic Throat

PHARMACEUTICALS

'Pulvellæ' and 'Chocellæ'
Olive Oil (*Warrick Freres*)
'Carbo-Absorbent'
Granules—'Stankap' and Digestive

PERFUMES & TOILETS

Maddocks' and Hendrie's Series
'Cinet' and 'Fragretta'
Rose and Orange Flower Waters
Pot-Pourri and Lavender

PASTILLES

Glycerine of Thymol Comp.
Chronic Catarrh; Cherry Cough
Glycerine, Lemon and Honey
Iodized Glycerine Black Currant

TABLETS

Mouth Wash (Effervescent)
Bismuth Dyspepsia
Bismuth, Pepsin and Pancreatin
Chilblain Treatment

COLD PRODUCTS

'Nostrones' (Complete Treatment)
Ephedrine Nasal Compound
Smelling Salts
Ephedrine Nasal Cream

PILE PREPARATIONS

Suppositories
Ointments
'Pellæ' 8-Day Treatment
Stainless Pile Ointment

Glucose Preparations
Fruit Drops
Cachous

SEND TO—

WARRICK BROTHERS, LTD.

Telephone: CLERKENWELL 2452-3. Telegrams: WARRICKERS, NORDO-LONDON
CORRESPONDENCE FROM OVERSEAS SOLICITED

NILE STREET • LONDON

The CHEMIST AND DRUGGIST

For RETAILER — WHOLESALE — MANUFACTURER

Published Weekly at

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London"

Telephone: Central 6565 (10 lines)

Emergency Address: THE PITMAN PRESS, LOWER BRISTOL ROAD, BATH

Telephone: Bath 5492

Branch Offices

MANCHESTER · BIRMINGHAM · GLASGOW · SHEFFIELD · LEEDS · NEW YORK · AUSTRALIA · NEW ZEALAND

NEWS OF THE WEEK

British Standards Institution.—A standard method for the biological assay of vitamin D₃ by the Chick method (B.S. No. 911) has recently been issued. Copies of the specification may be obtained from the Institution at 28 Victoria Street, London, S.W.1, price 2s. 3d., post free.

Warning to Importers.—British importers are asked by the Import Licensing Department of the Board of Trade to arrange with overseas suppliers, agents or shippers of goods destined for British ports that names of steamers and the dates of sailing shall not be mentioned in cables or telegrams. Such information given in cables or telegrams may, it is pointed out, fall into enemy hands and endanger shipping.

Toilet Preparations, etc., Restriction.—An important notice has been issued by the Board of Trade, prohibiting under certain circumstances the manufacture of small quantities of goods that come under Class 16 of the Limitation of Supplies (Miscellaneous) (No. 5) Order, 1940, namely perfumery and toilet preparations, cosmetics, etc. Details of this further restriction of supplies are published on p. 97 of this issue. Copies of the memorandum, price 3d., are on sale at H.M. Stationery Office, Kingsway, London, W.C.2.

Dangerous Drugs for Unregistered Practitioners.—Supplies of "dangerous" and Schedule IV ("prescription only") drugs for foreign doctors attached to the armed forces of the allies in this country, and for those attached to Red Cross units, must be obtained through the War Office, according to a statement issued by the Dangerous Drugs Branch of the Home Office. It is illegal for pharmacists to supply unless the doctor's name appears in the Medical Register.

Trading with the Enemy.—The Board of Trade announce that they have made a new Order which revokes all previous Trading with the Enemy (Specified Persons) Orders. The new Order contains the names of some 2,700 persons in neutral countries with whom it is unlawful to have dealings of any kind. There are some eighty additions to the names previously published and a number of deletions. The Order is being published by H.M. Stationery Office under the title of the Trading with the Enemy (Specified Persons) (Amendment) (No. 2) Order, 1941 (Statutory Rules and Orders, 1941, No. 79). It came into force on February 10. Copies may be obtained from H.M. Stationery Office, Kingsway, London, W.C.2, or through any bookseller.

N.P.U. War Distress Fund Committee.—A meeting of the war distress fund committee of the National Pharmaceutical Union was held at 4-5 Queen Square, London, W.C.1, on February 7, Mr. C. A. Hill in the chair. The treasurer presented his report, which showed that the fund stood at £15,626, of which £718 had been paid in grants. The secretary reported that thirteen weekly payments were being made for maintenance and it was decided that all should be continued until the next meeting of the committee. Grants to three-chemists who had been successful in obtaining posts had been discontinued, and two of the chemists concerned had returned the last payments made from the fund. One payment of £50, to enable him to recommence in new premises, had been made to a chemist who had been driven out of his premises. £20 had been paid to another chemist whose business had declined to less than half owing to evacuation of population. £26 had been paid to a chemist whose business

had had to be closed, also owing to evacuation of population; the latter had obtained a post as air-raid warden.

Lancashire Chemists in A.R.P. Work.—Birkenhead and Wirrall Pharmacists' Association's offer to advise on storing of drugs in first-aid posts and A.R.P. shelters, and to assist in checking them, has been accepted by the local medical officer of health. Pharmacists will work in conjunction with the doctors and will not be subservient to any other member of the post staffs; they will be expected to visit first-aid posts once a month, or after major raids, and shelters once a week, or oftener as may be thought fit. Pharmacists locally who are willing to volunteer for this service are asked to notify Mr. Collins (secretary of the Association).—Through the Crosby Pharmacists' Association, Crosby pharmacists have been in close touch with the A.R.P. authorities, and their offers of co-operation have been accepted. Alderman J. Allen Jones, J.P., M.P.S. (a former president of the Association), is chairman of the Civil Defence Committee, and pharmacists have been appointed to the first-aid posts (fixed and mobile), and to a first-aid point, to take charge of "dangerous" drugs, to advise on storage of drugs, to prepare solutions, and to be in attendance when casualties are being treated; routine inspections of stocks are made at monthly intervals. The pharmacist concerned reports to the medical officer in charge of the unit. Many local pharmacists have obtained certificates in first-aid and in anti-gas measures, and specialised training has been given in the cleansing of contaminated casualties.

Purchase Tax.—The existing facilities for export free of purchase tax are: 1. Registered firms may export chargeable goods free of tax on their own account, provided the normal trade evidence of exportation is available for inspection by the Customs and Excise. Registered firms may export free of tax through any export packer, but the former must satisfy the Customs with the above evidence. A certificate should be obtained from the packer that the goods have been exported. 2. Unregistered firms (e.g. retailers) may have chargeable goods exported free of tax if the order is passed to a registered firm for execution on the unregistered firm's behalf. But this does not apply to goods which have been delivered to an unregistered firm and afterwards exported, e.g. an unregistered retailer cannot export free of tax out of his own stock. The goods may be exported direct by the registered firm or by the registered firm through an export packer. Special arrangements may be made if the unregistered firm wishes to keep private certain information from the registered firm. In such cases the order should be given to the registered firm for execution, but the latter should forward the goods to an export packer approved by the Customs. The unregistered firm's order to the registered supplies of the goods must bear a signed statements as follows:—

Purchase by Messrs. of goods to be delivered direct to Messrs., export packers, for exportation on our instructions, free of purchase tax.

The goods must be dispatched direct to the premises of the approved packer who, after exportation, must furnish the registered supplier with an export certificate.

The attention of all registered firms is drawn to the fact that in accordance with the provisions of the Purchase Tax (No. 2) Regulations, 1940 (S.R. & O. No. 2194, 1940) the next return of purchase tax will cover the two months January

and February and must be made to the collector not later than March 10. The necessary forms (P.T. 11) will be posted shortly to registered persons.

LIABILITY DECISIONS.—The following decisions regarding the liability to tax of certain articles are published as supplementary to those already published in Notice No. 78. *Class 17.*—Chargeable at the rate of 33½ per cent.: Unmedicated corn and bunion rings, pads and plasters. *Class 18.*—Chargeable at the rate of 33½ per cent.: Preparations for use for personal hygiene, including toilet mouthwashes not recognised by the Customs and Excise as being used for medical purposes and thus ineligible for repayment of spirit duty in respect of any spirits used in their preparation, and other toilet mouthwashes; dusting and toilet powders other than dusting powders of the B.P.C. Not chargeable: Corn cures, corn salves, corn paints, etc. (but see *Class 19* below); hydrogen peroxide, olive oil (but these are chargeable under *Class 19* when put up for medicinal use); household ammonia. *Class 19.*—Chargeable at the rate of 16½ per cent.: Mouthwashes recognised by the Customs and Excise as being used for medical purposes and thus eligible for repayment of spirit duty in respect of any spirits used in their preparation, and other medicinal mouthwashes; cleansing preparation solely for the protection of the skin against occupational dermatitis; dusting powders of the B.P.C.; medicated corn and bunion plasters, corn cures, corn salves, corn paints, etc.; medicated cigarettes and medicated snuff not containing tobacco.

Manchester Hospital Post.—The City Council on February 5 confirmed a decision of the public health committee to advertise for a second time a vacancy for the position of chief pharmacist at Withington Hospital, with the proviso that only applicants with a university qualification should be considered for the post.

Blackburn Pharmacies Inspection.—The Chief Constable of Blackburn mentions in his annual report (for 1940) that eighty-six visitations were paid to wholesale and retail pharmacies in the borough during the year in connexion with the Dangerous Drugs and Pharmacy and Poisons Acts. The regulations appeared to have been fully complied with.

IRELAND

Cork Chamber of Commerce.—Sir Stanley Harrington, P.C. (Cork Chemical & Drug Co.), has been re-elected to the council of the Cork Incorporated Chamber of Commerce.

Appointment as Compounder.—Miss Maura Lenihan, L.P.S.I., Maryville, Southern Road, Cork, has been appointed compounder of medicines at the Cork County Home and Hospital.

Newry Association Formed.—At a meeting of local chemists held recently in Newry, at which chemists were present also from Newtownhamilton and Rathfriland, a deputation consisting of Mr. R. A. McEwen (president, Ulster Chemists' Association), Mr. John McDowell (immediate past-president), Mr. P. R. W. Shinner (vice-president), and Mr. James McClenahan (secretary) attended for a discussion on matters of general and local interest. The visitors were welcomed by Mr. J. E. Connor, who spoke on the work that the U.C.A. had done, especially since introduction of the purchase tax. Mr. McEwen, replying, said that it was a pleasure for him to come to Newry, where he had spent his schooldays and served his apprenticeship. He was glad to see so many familiar faces, and regretted it was not possible for country members of the U.C.A. to be represented on the committee, owing to travel difficulties. The committee met once a month, and the emergency committee once a week. Mr. McDowell spoke of the work of the U.C.A. during his year of office, referred to the formation of other local associations in Portadown, Bangor, Ballymena, and Armagh, and suggested that a similar association should be formed in Newry. He hinted that, among other things, a list of veterinary goods should be prepared for inclusion in the new price list. Mr. Shinner then spoke on a difficulty that had been experienced in the labelling of certain proprietary medicines. If these contained poisons, they should be labelled with the name and address of the seller on the actual bottle, which was often enclosed in a sealed package; he had himself taken the matter up with several manufacturers. Mr. McClenahan, in reply to questions concerning N.H.I. prices and the purchase tax, said he understood that, as from December 1, chemists would receive payment for dispensed

medicines on the assumption that the purchase tax had been paid; the actual method of computing this addition had not yet been arranged. Discussion on various problems arising out of the purchase tax, Limitation of Supplies Order, and Prices of Goods Act followed. Mr. McDowell pointed out that the retailer was not entitled to charge purchase tax unless he had in fact paid it on a particular item. It was decided to form a local association with Mr. Charles O'Hagan (O'Hagan & O'Hare), *Chairman*, and Mr. E. Linton (Connor & Sons, Ltd.), *Secretary and Treasurer*.

SCOTLAND

Edinburgh Evening Meeting.—The third Evening Meeting of the present session of the North British Branch of the Pharmaceutical Society will be held at 36 York Place, Edinburgh, at 7 p.m. on Wednesday, February 19, Mr. W. F. Hay in the chair. Mr. Henry Stout, Ph.C., will read laboratory notes on "Acid Solution of Bismuth B.P.C."; "The Solubility of Crystal Violet"; "The Test for Purity of Atropine and Atropine Sulphate"; "The Proposed Monograph of Bismuth Subgallate"; and "The Proposed Assay of Emetine Bismuth Iodide." Mr. George R. Milne, Ph.C., will read a paper on "New Types of Toilet Preparations."

Protests Against Fire-watching Order.—Scottish chemists in a number of centres are joining in protests against the operation of the fire-watching order, which they claim to be impossible in towns of small size. In St. Andrews, an emergency meeting called by the local shopkeepers—including chemists—agreed to make representations to the Government that their town should be required to provide fire-watchers only during a raid warning, as with residential premises. In Forfar it was stated by one opponent of the scheme that it would require about 7,000 watchers per week to carry out the plan. It was also urged that in Forfar some 99 per cent. of the firms had residential premises above.

Purchase Tax Talk to Edinburgh Branch.—A meeting of the Edinburgh and South-eastern Scottish Branch of the Pharmaceutical Society was held in Edinburgh on January 29, Mr. James Henry (chairman of the Branch) presiding. After expressing pleasure at the large attendance, the chairman called on Mr. Drummond to give a paper on "Some Aspects of the Purchase Tax."

Mr. Drummond dealt with anomalies of the tax, referring to the "ridiculous and iniquitous manner" in which the tax had been applied at its inception. It was essential, he said, to see that adequate prices were secured in private dispensing to offset increased running charges.

The resident secretary then explained the purchase tax position in relation to National Health Insurance prescriptions. The Department of Health had realised that chemists who had paid tax on drugs supplied would require to be reimbursed, but the difficulty was to get an exact figure. The ordinary Tariff price was based on a trading profit on cost, and as the Act did not allow a profit on the tax it had been necessary to devise some other scheme for reimbursing the tax to the Panel chemist. A test had been carried out on a large number of prescriptions from representative Insurance areas to determine the relationship between wholesale value and N.I.H. Drug Tariff value of drugs subject to purchase tax, with a view to getting at a uniform factor. The Pharmaceutical Standing Committee and the General Council of Panel Chemists had accepted the principle of the scheme, and had empowered a special committee to adjust details with the Department. This committee had met representatives of the Department of Health, the Scottish Association of Insurance Committees, and the Drug Accounts Committee, and after considerable discussion agreement had been reached that for the month of December 1940, and for the year 1941, an allowance would be paid to each chemist in respect of purchase tax at the rate of 4½ per cent. of the total amount of his monthly account, after deducting the value of insulin, liver extract, vaccines and serums. The arrangement was experimental and subject to revision. Dr. Tait went on to discuss "Some Urgent Pharmaceutical Problems," referring to pharmacists and fire-preventing services and first-aid posts, the strychnine order (killing of moles), and the present stage of the Home Office proposed Amendment to Sections 8, 9 and 10 of the Pharmacy and Poisons Act, 1933. He also made an appeal on behalf of the Society's Benevolent and War-aid Funds. Discussion followed.

COMPANY NEWS

P.C. means Private Company and R.O. Registered Office

PATTON & MCGAUGHEY, LTD. (P.C.).—Registered in Belfast. Capital £1,000. Objects: To carry on business as chemists, druggists, etc. Thomas P. Patton, 55 Bristol Avenue, Belfast, and Thomas McGaughey, Ph.C., 19A Shore Road, Belfast, directors. R.O.: 78 Ann Street, Belfast.

SWAN CHEMICAL CO., LTD. (P.C.).—Capital £2,000. Objects: To carry on business as manufacturers of and dealers in chemical products made from activated carbon and other chemicals. Joseph Turner, Kerridge, Heybridge Lane, Prestbury, Cheshire, and Arthur J. Whiteley, Langdale, Bowman Crescent, Ashton-under-Lyne, Lancs, directors.

SURGICAL SALES, LTD. (P.C.).—Capital, £100. Objects: To carry on business as wholesalers and retailers and manufacturers of surgical dressings, appliances and sundries, etc. Rudolph A. L. and Gladys Maud Edmonds, Denbury, Craneswater Park; Edward D. Watson, and Gladys M. Watson, Southsea, directors. R.O.: 43 Lawrence Road, Southsea.

LATEX SURGICAL PRODUCTS, LTD. (P.C.).—Capital £4,000. Objects: To carry on business as manufacturers of and dealers in anatomical, orthopaedic and surgical appliances, hospital requisites, etc. Merton P. Kempner, 18 Brondesbury Park, London, N.W.6, and James Wynborne, 192 Grove End Gardens, London, N.W.8, directors. R.O.: 55 Bishopsgate London, E.C.2.

HENRY WILKES CHEMICAL CO., LTD. (P.C.).—Capital £6,000. Objects: To acquire the business of a chemical manufacturer carried on as the "Henry Wilkes Chemical Co." at Eyre Street, Spring Hill, Birmingham, by Ernest Wilkes. Ernest Wilkes, 133 Balden Road, Harborne, and Helen Wilkes, 29 Noel Road, Edgbaston, Birmingham, directors. R.O.: Eyre Street, Spring Hill, Birmingham, Warwickshire.

COMPANIES ACT.—Notice is given in "The London Gazette," February 4, 1941, that the creditors of the Thurrock Chemical Co., Ltd., are required to send particulars of their debts to the Liquidator, R. P. Winter, 16 Market Street, Newcastle-upon-Tyne, on or before March 10, 1941.

TOPICAL REFLECTIONS

Small-scale Cosmetic Manufacture.—The article on the manufacture of cold creams on a scale practicable in the average pharmacy (pp. 82, 84) is most welcome. According to my experience, the manufacture of "own" proprietaries by retail chemists has of late years been allowed to lapse to an extent reflecting adversely on pharmacy as a craft. Present limitations on supplies provide a first-rate opportunity for getting back some of this trade that has drifted away. The use of borax in the majority of the formulas for cold cream given on p. 84 is of considerable interest. As you point out, it interacts with the free acid of the white beeswax in the course of preparation; hence, no doubt, its popularity. It used to be regarded as an intruder in this type of formula: I remember that in a good-class pharmacy familiar to me many years ago it had been tentatively added to the original ingredients in the firm's recipe book and afterwards deleted. Of thirty cold creams tabulated in "Pharmaceutical Formulas," Volume I, only five contain borax. The "original" preparation of Galen consisted of rose oil (olive oil in which rose petals had been steeped), wax and water. Borax was known as a commodity, it appears—though perhaps not in this country—as early as the ninth century; it was subsequently mentioned by Chaucer. Writing in 1679, Sir Thomas Browne asked his son Edward to obtain a sample of tinctal and to inquire what it was: it may be inferred that borax had not then come into general use in medicine or in pharmacy.

Hints on Publicity.—A letter in your Correspondence section (p. 88) shows admirable public spirit in its appeal for more explicit recognition of pharmacy by the Ministry of Health. The almost absolute freedom from error on the part of dispensers disclosed in the annual records of National Health Insurance dispensing should of itself constitute a ground for favourable notice from the Ministry when opportunities occur. It is possible that we should be more esteemed in Whitehall if our claims for adequate remuneration were

INSURANCE ACT DISPENSING

Bath.—At a recent meeting of the Insurance Committee it was revealed that all scripts dispensed in the area in October 1940 and sent for pricing by the South-western Joint Pricing Committee had been destroyed by enemy action in November. It was suggested that payment for that month should be made by calculating the average cost per script for the months of July, August and September, and multiplying this by the number of scripts for October. The Bath Pharmaceutical Committee has approved the method suggested.

Middlesex.—Prescriptions issued in the area of the Insurance Committee during November 1940 (comparisons were made with corresponding data under peace conditions) involved an increased cost of £25 7s. per 1,000 (36.37 per cent.) over pre-war figures; average dispensing fees per 1,000 prescriptions amounted to £18 4s. 4d., an increase of 0.82 per cent. The total amount received by chemists in dispensing fees showed a reduction of £465 16s. 1d. upon the comparable figures for November 1939. The war emergency committee has been requested by the Pharmaceutical Committee to compile data on conditions affecting chemists' businesses in the county and has received correspondence from the National Pharmaceutical Union upon the subject; a *questionnaire* dealing with business conditions prior and subsequent to the war has been approved, and a number of chemists in Middlesex are being approached to submit the information required. The Pharmaceutical Committee is being urged to take steps to amend its constitution "in a number of ways which experience has shown to be desirable." The war emergency committee has been assured by the Pharmaceutical Society that the Society is raising with the Ministry of Health the whole question of pharmacists in relation to the supply of medical requirements in A.R.P. schemes.

Warwickshire.—Administrative expenses of the Pharmaceutical Committee for 1940 amounted to £137, and estimates of £148 10s. for 1941 have been approved. The average cost of dispensing for September, October, and November 1940, was 9.9d. per prescription and 2.8d. (monthly) per insured person. 1941 commenced with a panel of 198 chemists and 324 pharmacies. £20,846 was paid to chemists during the year for drugs, dispensing fees and appliances.

more definite. I am not in favour of asking the Pharmaceutical Society "to spend a little money on carefully written articles in the daily Press"; money is at present, for well-understood reasons, "tight" at Bloomsbury Square, and I am not aware that the officials of the Society have ever given serious attention to the special type of propaganda required. Nor do I think the National Pharmaceutical Union better placed in this respect; and it is probable that the Union headquarters, after its experience with a collective advertising proposal some years back, is not eager to undertake work of this kind. Propaganda conducted by "local branches in local newspapers" is, surely, a preferable means of attacking the problem. In that case the work is started by chemists who have the great advantage of visualising their readers, or many of them, as they write. There seems to be no objection to calling in a professional scribe as an alternative to personal authorship among those responsible for the collective advertisements: he should, of course, be well coached in his "brief."

Self-service at the Counter.—Without being too certain as to what is meant by "a self-service pharmacy" (p. 77), I may perhaps enter a warning against anything of the kind being encouraged in this country. Not many years ago a sale from an automatic machine resulted in a law case and eventually in the insertion of a section in the Pharmacy and Poisons Act of 1933 forbidding the sale of scheduled poisons from such machines. We shall be told, no doubt, if self-service in pharmaceutical articles in shops is planned or introduced here, that no handling of poisons in shops is contemplated; but that will not suffice to remove a grave objection to the scheme. The now famous Sections 8 and 9 of the Pharmacy and Poisons Act provide for qualified supervision of the retail sale of drugs in pharmacies: it is obvious that no such supervision could be exercised where sales were made mainly or entirely by mechanical delivery. The danger to the public in purchasing drugs and pharmaceutical preparations without check need hardly be even stated.

Xrayser

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

A MEETING of the Council of the Pharmaceutical Society was held at Derby on February 5. There were present the president (Mr. W. Deacon), Mrs. J. K. Irvine and Messrs. J. T. Appleton, C. Davis, J. H. Franklin, W. S. Howells, G. R. Knox Mawer, J. F. McNeal, A. R. Melhuish, L. M. Parry, E. S. Peck, H. C. Shaw, H. Skinner, B. A. Williams, F. C. Wilson, J. C. Young and Sir Malcolm Delevingne.

Correspondence.—Among letters received were the following: (1) From the Pharmacy Board of New Zealand and the Nova Scotia Pharmaceutical Society, conveying the Season's greetings; (2) from Sir Harry Hague accepting the invitation to become an honorary auditor of the Society; (3) from the Lord Mayor of London expressing appreciation of the Society's message of sympathy and regret at the loss of the Guildhall; (4) from the Leeds Branch conveying resolutions of the Branch on pharmacists at first-aid posts, the purchase tax and the representation of employed pharmacists, and from the Anglesey, North Carnarvonshire and Colwyn Bay Branch conveying a resolution concerning the Medical Planning Commission of the British Medical Association. The secretary was instructed to inform the Branch in each case of the Council's attitude on the questions raised.

Obituary.—THE PRESIDENT referred to the death of Henry Hurd Rusby, M.D., Ph.M., Sc.D., of New York and David Brown Dott, Ph.C., F.I.C., of Edinburgh.

Pharmacy and Poisons Act, 1933.—THE SECRETARY reported that the interview at the Home Office for which the Society had asked to discuss the proposed amendment of Sections 8, 9, and 10 of the Act would be held on February 13. The Society would be represented by the president (Mr. W. Deacon), Mr. A. R. Melhuish and the secretary. Letters or telegrams were received from the Hull and York Branches supporting the efforts of the Society to effect a satisfactory settlement of the matter and from the following Branches in opposition to an amendment and/or urging the Council to enforce the sections: Birkenhead, Bristol, Buxton, Chesterfield, Eastbourne, N.E. Lincs, Medway, Norwich, Nottingham, Oldham, Pontypridd, Rochdale, Southport, Tees-side, Westmorland, and Wrexham.

Medicine Stamp Duty.—THE SECRETARY reported upon certain steps which were being taken by organisations concerned with the manufacturing, wholesaling and retailing of proprietary medicines to safeguard the interest of pharmacists in view of the possible repeal of the medicine stamp duty.

Registration.—THE REGISTRAR reported that fifty-one persons had registered as "apprentices or students" since the previous meeting. The names of fourteen pharmacists were restored to the Registers as from the date of removal.

Retirement of Members of Council.—THE SECRETARY reported that the following members of Council were due to retire in 1941—Franklin, John Henry; Mawer, George Robert Knox; Melhuish, Andrew Ralph; Parry, Lewis Moreton; Rowsell, Philip Foale; Wells, Frederick George; Young, James Clement.

Codex Revision Committee.—Among the matters arising from the Minutes were the following: It was agreed that the following alterations in B.P.C. formulas should be authorised by means of an Addendum:—

(1) (a) Preparations in which almond oil may be replaced by arachis, cotton-seed or sesame oil: *Cremor zinci*, *unguentum aquæ rosæ*, *unguentum rosæ album*.

(b) Preparations in which olive oil may be replaced by arachis, cotton-seed or sesame oil: *Emplastrum hydrargyri*, *emplastrum saponis fuscum* (arachis only), *extractum mali cum oleo olivæ* (arachis only), *injectio camphoræ* (arachis only), *injectio camphoræ æthereæ* (arachis only), *linimentum calcii hydroxidi*, *linimentum succini compositum*, *oleinatum veratrinæ* (arachis only), *unguentum phenolis compositum* (arachis only), *unguentum plumbi oleatis*. A member undertook to investigate the possibility of using a substitute for lard in *unguentum colophonii*.

(c) The Committee agreed to the use of the words "Solution of Calciferol" in place of the words "Solution of Irradiated Ergosterol" in *Emulsio olei arachis* and *extractum mali cum vitaminis*.

(d) The Committee agreed to the use of vitaminised oil in the following preparations in the place of cod liver oil. A

member undertook to furnish formulas: *Emulsio olei morrhuæ cum glycerophosphatibus*, *emulsio olei morrhuæ cum hypophosphitibus*, *emulsio olei morrhuæ cum creosoti*.

(e) It was agreed that the formula for *tabellæ aloini compositæ* should be left unaltered.

(2) (a) The suggestion that solution of Bordeaux B should replace cochineal in the following preparations was not accepted: *Elixir quiniæ ammoniatum et cinnamomi*, *liquor ferri phosphatis compositus*, *liquor rosæ dulcis*.

(b) A member undertook to make inquiries concerning steam-distilled pine oil to replace rectified oil of camphor in *linimentum methylis salicylatis* and *linimentum methylis salicylatis compositum*.

(c) It was agreed that the formula for *pasta magnesi sulphatis* should be left unaltered.

(d) A member undertook to investigate the formula for *pasta zinci et iodoformi*.

(e) Solution tablets containing chlorinated phenols in place of solvella containing mercury salts. A report was submitted that although satisfactory hot-water soluble tablets on these lines have been prepared the production of a cold-water soluble tablet presented certain difficulties. The experiments were being continued.

(f) Experiments in respect of alternative bases for ointments were being continued.

(3) The use of the corresponding sodium salt in place of the potassium salt in Codex preparations was agreed to, subject to experiments in confirmation.

(4) It was agreed that the Ministry of Health should be approached for their views on the statement by the Therapeutic Requirements Committee that the use of boric acid dressings is unnecessary.

The Committee were of the opinion that an Addendum to the Codex incorporating the alterations, and its publication at the earliest possible date, would be advisable.

Harrison Memorial.—The Establishment Committee recommended that the president, vice-president and Mr. Young be appointed to serve upon the Adjudicating Committee in connexion with the award of the Harrison Memorial Lectureship and Medal.

War Aid Committee.—It was reported that the total amount received in subscriptions up to February was £7,567 3s. 2d. and that there had been over 5,000 subscribers. The secretary reported that a letter had been received from the National Association of Women Pharmacists, reporting that they were sending an appeal to all their members.

Strychnine.—The Law Committee received a report that, in accordance with instructions given, the secretary had obtained reports from all inspectors on the operation of the Poisons (Amendment) (No. 2) Rules, 1940. The report showed that the War Agricultural Executive Committees appeared to be exercising discretion in the amounts they were ordering and that, where an excessive quantity might have been authorised, chemists were exercising control by limiting the quantity supplied at one time.

Registrar's Report.—The Registrar submitted his report for 1940. This shows that the total number of persons on the Register at December 31, 1940, was 24,921, compared with 24,661 at the same date in the previous year. The number of superintendents to bodies corporate for the same periods were 2,072 and 2,031 respectively. The number of shops visited during 1940 was 15,754 and in 1939 the figure was 14,717.

Public Services Committee.—It was recommended that the Council approach the Medical Planning Commission of the British Medical Association with a view to the pharmaceutical aspect of any public medical service being represented.

Organisation Committee.—The following resolution of Council has been further discussed: "That the Council consider its policy and particularly its long range policy." It was suggested that a letter should be sent to the branches inviting them to express their ideals for pharmacy together with the reasons for their conclusions, but it was decided to consider this suggestion again when Part II of the Report of the Committee of inquiry was published.

The attention of the Committee was drawn to the report of the arrangements for the Centenary celebrations. It was recommended that a meeting of branch representatives be held on Wednesday, April 16, from 11.30 a.m. to 1.30 p.m., and that the president should be asked to propose the agenda.

PROPOSED PHARMACY ACT AMENDMENT

Council Members' Opinions

THE following replies have been received from members of the Council of the Pharmaceutical Society of Great Britain to the question, "Having a first-hand knowledge of the operation of the Pharmacy and Poisons Act, 1933, are you or are you not, as a member of the Council of the Pharmaceutical Society of Great Britain, in favour of the Government's proposal to amend Section 12 (1)?" Editorial comment on p. 97.

Mr. W. Deacon.—I am grateful for your letter of January 24 and for the interest you are taking in a matter which is likely to be so important for pharmacy. As was indicated in the public report, the Council are acting upon a suggestion made by a joint Committee of the Society and the National Pharmaceutical Union that certain additional proposals to those put forward by the Home Office should be discussed with the authorities. We are hoping that as a result of these discussions the Home Office proposals will be modified. I do not know whether further proposals will be available for discussion at the February Council meeting or whether they will have to stand over until the March meeting, but I am sure that as soon as they have been considered by the Council, the Council will let their views on them be known. In view of the fact, therefore, that the original Home Office proposals are likely to be modified and that the Council has not yet finished its discussion upon them, I would prefer not to express an opinion for publication at present. At the moment, I and my colleagues are doing their best to find the solution to this problem which is to the best advantage of pharmacy and the public.

Mr. J. T. Appleton.—I beg to acknowledge your letter of January 24, and thank you for the opportunity you afford to state my views on the proposed amendment of the Pharmacy and Poisons Act of 1933. I feel, however, that as the "newly co-opted" member, of the Council, and in view of the fact that negotiations with the Home Office are still in progress, it would be inadvisable to express an opinion at present.

Mr. C. Davis.—I am not in favour of the proposed amendments of the 1933 Pharmacy and Poisons Act as they stand, but certain further amendments having been submitted to His Majesty's Government for their consideration, I await their reply before making a final decision. We all look forward to the day when pharmacists and pharmacists only will be the people authorised to dispense and retail drugs and medicines.

Professor W. J. Dilling.—With reference to your letter of January 24, the question of the proposed amendment to the Pharmacy and Poisons Act, 1933, is still under consideration by the Pharmaceutical Council which I have no doubt will issue a statement of its final decision in due course.

Mr. J. H. Franklin.—I am not in favour of the Government's proposals to amend Section 12 (1) of the Poisons and Pharmacy Act, 1933. Further discussions are taking place between the Home Office and the Pharmaceutical Society, and I am hopeful that the Government Department will understand our views and objections to this amendment, which offers everything to the co-operative societies and very little to the pharmacist.

Mr. H. M. Hirst.—I picked up an autobiography by a celebrated Yorkshire novelist to-night, and the following words met my gaze: "Remember that no Yorkshireman approves of 'nosing.' What he likes to tell you, well and good—but if he thinks you are trying to poke and probe for information he shuts up like a clam, or makes some rejoinder which is no answer at all." That is the peculiar feeling I appear to have been trying to overcome ever since your letter arrived. My views on pharmaceutical politics are well known to Branch members, particularly in the North of England and Scotland. From 1929 to 1932, as a Branch delegate, I opposed many items in the now 1933 Act. In the end, seeing the Society and the Government came to agreement over this, I withdrew my opposition, but it was only because the Government gave an undertaking that no vital amendments would be introduced into the Act during its passage through Parliament. I hold that this promise is still valid, and any amending Act would be contrary to the spirit of the agreement. If a Pharmacy Act was introduced giving further advantages for the welfare of pharmacy, then I would welcome it, and work

hard for a settled agreement. To my mind, this present question is not one of Society *v.* Co-ops. The law as it stands after the Hygienic Stores judgment is clear, and I claim that the Home Office and the Society have a legal duty to perform.

Mr. W. S. Howells.—In reply to your letter of January 24, respecting the proposed amendment of the Pharmacy and Poisons Act, 1933, I would point out that it is clearly set out in Sections 8 (a) and 9 (b) of the Act that an authorised seller of poisons, whether an individual or body corporate, must have a pharmacist in control in each set of premises where drugs are sold. The recent High Court decision has settled any question of interpretation herein. The object of the suggested amendment of the Act is to give a section of the trading community an advantage over other individuals and corporate bodies who are carrying on business under the Act. The effort made in the 1933 Act to obtain some measure of control over the sale of drugs will be irretrievably lost if the suggested amendment is allowed to be passed. Therefore, any legislation which would concede the slightest power to lessen the safeguarding of the public would be an unpardonable error. In my opinion the proposed amendment of the Act would undoubtedly have this effect.

Mrs. Jean K. Irvine.—I am not in favour of the Government's proposal to amend Sections 8, 9 and 10 of the Pharmacy and Poisons Act. If the Home Office insist on amending the Act in favour of one class of trader let them try to do so, but I do not think the Pharmaceutical Council should take any part in one-sided legislation of this nature. If the co-operative societies desire to function as chemists they should subject themselves to the same provisions of the Act as applies to all other chemists and employ qualified people in the sale of drugs. The Society should firmly oppose any amendment.

Mr. J. Jack.—I think I voice that of Scotland when I say no such alteration as suggested is looked upon with favour. The Home Office proposals, even if modified, will alter the incidence of the 1933 Act to such an extent that a wide door will be opened to unqualified persons to exploit pharmacy to the detriment of fully trained and qualified pharmacists. My experience of the working of the present Act is varied, and the number of irregularities reported by the inspectors, whilst still too numerous, show gradual diminution, and that both pharmacists and proprietors of drug stores are doing their best to interpret the requirements of the 1933 Act and following regulations. I do not see why co-operative societies should not conform to these—we have no difficulty with such in Scotland. The Act was passed by Parliament as necessary to safeguard the public, and so far has been to their advantage; the contrary will have to be proved before any alteration will be made, unless an agreed upon Amending Act is submitted. Consultation as to this is taking place between the Home Office and Pharmaceutical Society, but the result, unless the interests of pharmacists are fully safeguarded, will still meet with opposition. Personally, I favour the *status quo*.

Sir Walter Langdon-Brown.—In reply to your letter of January 24, I may state that I am not in favour of the Government's proposed alteration of Section 12 (1) of the Pharmacy and Poisons Act, 1933.

Mr. A. R. Melhuish.—In reply to your letter of January 24 concerning any amendment of the Pharmacy and Poisons Act, 1933, as the matter is under discussion with the Home Office you will, I think, appreciate that I am unable to express any opinion on the question at the present time.

Mr. L. Moreton Parry.—As regards your questions, I do not think it good policy for a member of Council to publish his views on a matter of this importance before arriving at a final decision. There are two ways of approaching this question: (1) The gallery way—for cheap publicity, (2) considering honestly which step is best likely to benefit chemists as a whole. Personally I do not care a scrap for the publicity stunt, but I care very much for the betterment of pharmacy, and any step that may tend to this end. At the same time, I hate compromise and would prefer a straight though hopeless fight, but this may well be an occasion when compromise may prove by far the best way out. My attitude will greatly depend on the Home Office, but I would remind you that the present opportunity to negotiate will certainly never

recur and the consequence of bringing about disaster will rest heavily on those responsible.

Mr. E. Saville Peck.—With reference to your letter of January 24, I write to say that I prefer to wait until I have the final draft of the Home Office proposals as modified by the discussion with the Joint Committee of the Society and the National Pharmaceutical Union before stating my views upon the matter.

Mr. P. F. Rowsell.—With reference to your letter *re* the proposed amendment of the Pharmacy and Poisons Act, 1933, you will have received ere this a letter from the president on this matter and with which I am largely in agreement. As, however, the whole position is still under discussion with the Government Department concerned, I prefer to make no statement until I know exactly what the new proposals will be.

Mr. H. W. Wallis.—I am writing on my husband's behalf, and at his dictation, in answer to your letter of January 24. He is unfortunately laid up with rheumatism and will not be able to be present at the Council meetings next week. He asks me to say he has seen a copy of the president's letter to you on this matter, and can best express his own views by saying that he is in complete accord with the president in this matter.

Mr. F. G. Wells.—In reply to your letter to hand *re* proposed amendments to the Pharmacy and Poisons Act. As the matter is at present under discussion before the Council, who in their turn are awaiting further information from the Home Office, I think it too early to give a decided *yea* or *nay* to your question. When the question does come up for a final decision you can rest assured that I shall cast my vote for that which I consider will be the best in the interests of pharmacy, not only at the present time, but also for the future.

Mr. B. A. Williams.—I am glad of this opportunity of publicly reaffirming the pledge that I made in my election statement in May 1940: That Sections 8, 9 and 10 of the 1933 Act should immediately be applied so that all sections of pharmacy may receive equal treatment before the law. The effect of the proposed amendments would mean that for the first time the drug store would receive a Charter. That co-operative societies and departmental stores (who are authorised sellers of poisons) will have the statutory right to sell drugs in closed containers as a subsidiary part of a grocery or other business. A practice which is at present illegal would become legalised to the detriment of pharmacy. That any such amendment is a dangerous and retrogressive step is proved in full detail in an excellent memorandum sent by the Pharmaceutical Council to the Home Office in May 1939, and published in the "Pharmaceutical Journal" of April 8, 1939, p. 354. Not only do I stand by the above decisions of the Council of April, 1939, and categorically oppose the Government's proposals to amend Section 12 (1) of the 1933 Act, but I refuse to accept these proposals as a basis for further discussion. These opinions that I hold are not arbitrary ones, but are moulded by my direct contact through the Association of Pharmaceutical Employees with many hundreds of employed pharmacists both in the co-operative movement and in private and company pharmacy. This is one of the many instances in which the interests of all practising pharmacists are identical, and I am glad to be able to indicate in this tangible way my support for the private pharmacist.

Mr. Frank C. Wilson.—My answer to your query needs only the briefest negative. I am not in favour of the proposals. If I may say so, the replies to your questionnaire might have been more illuminating had the question been, "Are you, etc., willing to accept the Government's proposal to amend Section 12 (1) as follows?" I may say that my answer would be exactly the same to this question too.

Mr. J. C. Young.—As the matter is still in a manner *sub judice*, and as the Council are anxious to do the best for its members, particularly for those in areas where co-operative societies abound, I do not want at this stage to say anything that might imperil or prejudice the negotiations. I am hopeful that pharmacy will be in a better position after the decision than before it.

No replies were received from the following members of the Council: Sir Malcolm Delevingne, Mr. G. R. K. Mawer, Mr. J. F. McNeal, Mr. H. C. Shaw, and Mr. H. Skinner.

TRADE NOTES

EXEMPT FROM PURCHASE TAX.—The British Drug Houses, Ltd., Graham Street, London, N.1, are calling the attention of chemists to the fact that Radio-malt is now exempt from purchase tax.

LANALOL PREPARATIONS.—Lanalog, Ltd., 20 Holborn, London, E.C.1, ask chemists to write direct to them regarding the special offer made in connexion with their preparations if such particulars have not been available through the usual wholesale channels.

HOMBURG AND CHEMOSAN PREPARATIONS.—Camden Chemical Co., Ltd., Northington House, Northington Street, London, W.C.1, have acquired the business of Homburg Pharma, Ltd., and will in future market the preparations hitherto supplied by this company.

REXALL CHEMISTS will be interested in the announcement appearing elsewhere in this issue in connexion with Bismar-Rex. The revised prices for this product, including purchase tax, are given, and these particulars are being advertised in the national Press by the United Drug Co., Ltd., Nottingham.

W. B. CARTWRIGHT, LTD., Rawdon, Leeds, have sent us copies of two booklets they have just issued. These deal with "What to do in any War-time Emergency" and "How to Beat the Incendiary Bomb." A few booklets will be sent to any chemist who would like them for distribution.

SAFETY-RAZOR BLADE SHARPENER.—Details and illustrations are given in the advertising pages this week of the "N. & P." blade sharpener, consisting of a bakelite drum on which the blade is fixed. The drum slides into a glass container and sharpening is effected by rotating the drum. This novel but practical appliance is being marketed by Valay Products, Dorland House, Regent Street, London, S.W.1.

EXPORT CATALOGUE.—Cussons, Sons & Co., Ltd., Kersal Vale, Manchester, 7, have published an attractive catalogue of their products available for export, comprising toilet soaps and powders, toilet preparations, perfumes, etc. The catalogue is interleaved with illustrations printed in colour on art paper. Full details of all standard export packings together with wholesale prices and terms of sale are given. Copies are available to exporters and to overseas buyers.

SECURITY WINDOW-BRACE.—We have seen recently a copy of a photographic investigation made by Bertram Park, O.B.E., on the effectiveness of the Security window-brace (Window Brace, Ltd., 11 Buckingham Street, London, W.C.2) in the London area. As the Government White Paper on the subject of window-braces is rather a sweeping condemnation of all of them, it will be of interest to our readers to know that this particular brand has stood up to the tests of blast and earth tremor in many of the heavily bombed London districts.

Business Changes

ANGLO-AFRICAN SHIPPING CO., S.A., LTD., have removed to 1 Throgmorton Street, London, E.C.2.

BOOTS, LTD., opened a new branch at 6 St. Ann's Square, Manchester, on February 3.

CHARLES V. BOLTON, optical practitioner, has removed to 1 Lord Street, Leigh, Lancs.

JOHN RONALDSON & CO., LTD., drug importers, have removed to 16 Mark Lane, London, E.C.3.

Proprietary Articles Trade Association

Additions and Alterations to Protected List.—(Prices include purchase tax.) *Milner & Coke, Ltd.,* G.O. flavoured seidlitz powders, 3d., 2s. 0½d. doz.; extra-strong, 4d., 2s. 4d. doz.; double-strength, 4d., 2s. 7½d. doz. *Perox, Ltd.,* Super-peroxide tooth-paste, 6d., 4s. doz.; 1s., 8s. doz.

PRE-TASTE.—"On your behalf I tasted a substance known as Aneurin or Thiamin, the publicised synthetic B₁ vitamin, which sooner or later (when sufficient quantities are commercially available) will be used to pep up the normal white loaf. A smear on the finger, I was assured, would set me up for a week. We shall see.

"Quantity to be mixed in bread is measured for convenience by international units, each equal to 3 micromilligrams. A micromilligram is a millionth part of a gram which is a 1/453rd part of a pound. There will be about 300 units of synthetic vitamin to the pound loaf. Faintly saline taste of a week's-worth, I was assured, will be impossible to detect in bread."—Stanley Baron in "News-Chronicle."

BIRTHS

Notices for this column must be authenticated

BARROW.—At Mel Rose Nursing Home, Torquay, on January 25, Vera, the wife of A. N. Barrow, Ph.C., M.P.S., 33 Market Street, of a daughter.

DUGUID.—At Sunnyside, Strathore Road, Thornton, Fife, on January 22, the wife of W. A. Duguid, M.P.S., of a son.

MARRIAGES

LEMMON—ASTEN.—At Waterbarn Baptist Church, Stacksteads, Lancs, Richard Lemmon, M.P.S., 23 Burnley Road, Waterfoot, Rossendale, to Elsie Asten, M.P.S., 1 Harcourt Street, Bacup.

McKERCHAR—TURNER.—At St. James's Church, New Malden, Surrey, recently, Peter McKerchar, M.P.S., 91 Malden Road, New Malden, to Gladys Enid Turner.

DEATHS

ADAMS.—Recently, Mr. John Adams, Ph.C., 253 Upper Newtownards Road, Belfast. Mr. Adams served his apprenticeship with the late Mr. J. G. W. Boggs, Ph.C., Portrush, and afterwards went to Dublin as an assistant to the late Mr. W. F. Wells, Upper Baggot Street. He passed the Licentiate examination of the Pharmaceutical Society of Ireland in 1907. Shortly afterwards he went North again and spent a number of years with McAdam & Bates, Ltd., Omagh, and in 1911 he set up in business for himself. He was a member of the Council of the Pharmaceutical Society of Ireland before the incorporation of the Northern Society and was a past-president of the Ulster Retail Drug Trade Association (now the Ulster Chemists' Association). Mr. Adams was Past-Master of Galen Masonic Lodge No. 437, in which he also held the office of treasurer. Stamp collecting was his principal hobby, and he was a president of the Belfast Philatelist Society.

BULLEN.—At Ashby-de-la-Zouch, recently, Mr. George William Bullen, Ph.C., aged eighty-five.

BULLOCH.—In London, on February 11, Dr. William Bulloch, Emeritus Professor of Bacteriology, London University, aged seventy-two.

BUTLER.—On February 6, Mr. Arthur Frederick Butler, Cornwood, Little Hadham, Herts, aged fifty-five. Mr. Butler was joint managing director of R. W. Greeff & Co., Ltd., of London, Manchester and Bishop's Stortford, and a director of Greeff-Chemicals Holdings, Ltd. He had been connected with Messrs. R. W. Greeff for forty years and during his active career in many branches of the chemical trade he had been a vice-president and a past-chairman of the British Chemical and Dyestuffs Traders' Association and a director of the Association of Manufacturing Chemists. Mr. Butler was a well-known personality in the trade, particularly in the London and Manchester districts. His passing will be deeply regretted by a wide circle of personal and business friends. The funeral took place at Golders Green, London, N.W., on Wednesday, February 12.

CLARK.—On January 29, Mr. Frederick Herbert Clark, M.P.S., Leicester. Mr. Clark qualified in 1906, and was for many years in business in Humberstone Gate, Leicester. He was an active member of the local Branch of the Pharmaceutical Society and, until four years ago, secretary and treasurer for a long period. A prominent member of the Congregational Church, he took part in many of its activities. The funeral on February 3 was attended by many friends, including a large number of pharmacists.

GEMMELL.—At Edinburgh, on February 1, Mr. George Harrison Gemmell, F.I.C. (Gemmell & Thin, analytical chemists, Lindsay Place), aged eighty. Mr. Gemmell had held a number of appointments in Scotland. He was at one time lecturer in the School of Medicine in Edinburgh and Professor of Chemistry in the Royal (Dick) Veterinary College.

GILL.—At Torquay, on February 5, Mr. Frank Gill, chemist and druggist. Mr. Gill, who qualified in 1896, was, until his retirement a few years ago, the proprietor of John Sneed, chemist, Keighley.

HEINZ.—At Pittsburg, U.S.A., recently, Mr. Howard Heinz, for many years head of H. J. Heinz & Co., food canners, aged sixty-three. Mr. Heinz entered the business under his father

in 1900, in 1915 he became chairman and in 1919 president of the company. Under his guidance the business advanced from an American concern to being international.

JAMISON.—Suddenly, Mr. William Jamison (Shaw & Jamison, wholesale druggists, 8 Townhall Street, Belfast). Mr. Jamison, who had been in seeming good health, passed away in his office. He was a son of Mr. William Jamison and succeeded his father in the partnership. He entered the service of the firm early in life and for a period represented it all over Northern Ireland, during which time he made many friends.

RIPPIN.—Suddenly, on February 5, Mr. Edward Vaughan Rippin, governing director of E. V. Rippin & Son, Ltd, druggists' sundriesmen, London, E.12, aged sixty-five.

THORNTON.—At Exmouth, recently, Mr. Charles Hopkinson Thornton, M.P.S., 10 Albion Street. Mr. Thornton, who collapsed while out for a walk, was for many years in business on Chapel Hill. He passed the Minor examination in 1886.

WELSH.—At the Medical Hall, Dunfanaghy, co. Donegal, on January 30, Mr. Arthur Edmund Welsh, M.P.S.I. Mr. Welsh qualified in 1896.

RECENT WILLS

MR. HERBERT ANTCLIFFE, 298 Barnsley Road, Sheffield, who died on October 14, 1940, left £4,745, with net personality £4,615.

MR. ARTHUR FOSTER DEWSBURY, M.P.S., 102 Warmsworth Road, Doncaster, who died on October 27, 1940, left £3,203, with net personality £602.

MR. ERNEST HANDS, M.P.S., 66 St. Johns Avenue, Bridlington, Yorks, chemist, who died on November 17, 1940, left estate of the gross value of £4,031, with net personality £3,495.

MR. GEORGE CLAYTON, Ph.C., Rhos-on-Sea, Denbighshire, late principal of the Northern College of Pharmacy, Manchester, who died on August 31, 1940, left £2,281, with net personality £1,035.

PERSONALITIES

MR. E. PARRY, M.P.S., Birmingham, in a letter to the "Co-operative News" recently, claimed to be the first pharmacist to qualify after an apprenticeship served at a co-operative society's pharmacy. Mr. Parry qualified in 1920.

THE appointments have been announced of Mr. Ernest Brown as Minister of Health, Major Gwilym Lloyd George as Parliamentary Secretary to the Ministry of Food, and Captain Charles Waterhouse as Parliamentary Secretary to the Board of Trade.

IT is announced that the marriage arranged between Captain Michael Harrison, Royal Welch Fusiliers, and Pamela Mary, daughter of Mr. Ernest T. Neathercoat, past-president of the Pharmaceutical Society, Holbrook Park, Horsham, will take place at St. Margaret's Church, Warnham, Sussex, on February 15.

COUNCILLOR D. J. BAILEY, J.P., M.P.S., chairman of the health committee of the Blackpool Town Council, has been elected to the aldermanic rank of the county borough. Mr. Bailey is one of the oldest and most active members of the local Chamber of Trade, and served on the Insurance Committee and the Prescription Bureau for many years.

MR. ROBERT J. BARRE, M.P.S., M.I.C.O. Hons., Box 83, Avonmore, Ontario, Canada, who was formerly in business as a pharmacist in Northern Ireland, in the course of an interesting letter, says he would be glad to hear from any of his former colleagues in Northern Ireland. Mr. Barre informs us that his son, Gordon, who was a Lieutenant-Engineer in the Royal Navy, was reported missing on December 9, 1940, when the ship on which he was serving was sunk.

MR. C. B. WORTHINGTON was the recipient recently of a presentation to celebrate the completion by him of fifty years' service with William Hay, Ltd., manufacturing chemists, Hull. Mr. Worthington began his employment as assistant with the late Mr. Hay when the business in Regent Terrace, Anlaby Road, was referred to as "The Ship." He continued there until 1900, when new premises were built in Walmsley Street, adjoining the original laboratory. He then relinquished his work as a chemist's assistant, and became concerned with the manufacturers of essences, particularly in connexion with the export trade.



John Bell BRAND
TONIC-PHOSPHATES

RETAIL		TRADE
2/2½ size (4 ozs.)	All prices inclusive of purchase tax	15/9 doz. bottles
3/10 " (8 ")		28/- " "
6/6½ " (16 ")		46/8 " "

JOHN BELL HILLS & LUCAS LTD
OXFORD WORKS, WORSLEY BRIDGE ROAD, S.E. 26.



Meet the need for
"Something more persuasive"
MEDILAX
BRAND
LAXATIVE PELLETS

HALIBUT-LIVER OIL
IN BULK
H.R. NAPP LIMITED,
3 & 4, CLEMENTS INN, LONDON, W.C. 2.

TRAGACANTH
SPECIALISTS IN B.P. POWDER
Also Technical and Industrial qualities. All Grades of Whole
Flakes as imported. Samples and prices on request.
FREUDENTHEIL, SMITH & Co., 21 Mincing Lane, London, E.C. 3
Tel. Address: 'Freudenruf Tel.: MANsion House 1924 & 6600 Estd. 1826

Felsol (Regd) BRAND
POWDERS
for
Asthma

Continuous Propaganda conducted
with the Medical Profession.

P.A.T.A. terms upon request

BRITISH FELSOL COMPANY, LTD.
"WIGTON HOUSE"

296/212 ST. JOHN STREET, CLERKENWELL, LONDON, E.C. 1

BURROUGH'S
ALCOHOL
FOR TINCTURES
Write for Prices
JAMES BURROUGH Ltd., 1 Cale Distillery, Lambeth, S.E. 11

LIMITATION OF SUPPLIES ORDER CLASS 14

★
We are prepared to consider offers for
the sale of Quota for any goods falling
within CLASS 14, and made of
celluloid or other plastic materials.
(Subject to Board of Trade Sanctions)
REGISTERED WHOLESALERS
INTERESTED REPLY TO:

**HALEX LIMITED · HALE END
LONDON · E. 4**



**"ALL-BRITISH" VAPORIZER
NIGHT LITE AND POWDER**
Our advertisement in the last issue was
successful; orders have been dealt with
promptly. Further trade enquiries in-
vited. Price 2/- retail. Boxed separately.
Send P.O. for sample.

PIERROT MFG. CO., ROMILY, CHESHIRE
Have you tried our WAR FAMOUS NIGHT
LITE—1/-?

PATTINSON'S BRAND
Cream of Magnesia
Ask us to send you 12oz. sample bottle FREE
THE WASHINGTON CHEMICAL COMPANY
BRANCH OF TURNER AND NEWALL LIMITED
Washington Station, County Durham

THE NATIONAL ASSOCIATION OF OPTICIANS

The next examination will be held
at Edinburgh on May 27th, 28th,
and 29th, 1941

REVISED SYLLABUS ETC.

SECRETARY, N.A.O., 130 Princes Road, Liverpool, 8

MANOIDS
THE POTENT BRAIN & NERVE TONIC
FOR MEN
1/3 size - 7/6 doz.
2/3 - 13/6 -
FROM ALL SUNDRIES
HOUSES, OR -
THE
Acton Pill & Tablet Co Ltd
ASH VALE, SURREY.

*A profit
maker!*

NOW
SWEETENED
TO MEET
WAR-TIME
REQUIREMENTS

MASON'S
GINGER WINE ESSENCE
SWEETENED

The season for Ginger Wine is here. See you have
a good stock of Mason's sweetened Ginger Wine
Essence, which not only makes a delicious drink but
is also a cordial digestive and nerve soother. Write
for trade terms.

NEWBALL & MASON, LTD. NOTTINGHAM

THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

for RETAILER — WHOLESALER — MANUFACTURER

Circulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied Trades and Industries in Great Britain, Eire, The British Empire and all foreign countries

Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire

VOL. CXXXIV

February 15, 1941

NO. 3184

CONTENTS

	PAGE		PAGE
Births	95	Personalities	95
Company News	91	Pharmaceutical Society of Great Britain:—	
Correspondence	104	Council Meeting	92
Deaths	95	Precautions for Diabetics	98
Editorial Articles:—		Proposed Pharmacy Act Amendment	93
A "Straw" Vote	97	Recent Wills	95
Cosmetics Production Curtailed	97	Topical Reflections	91
Indian Senna Crop	103	Trade Marks	103
Insurance Act Dispensing	91	Trade Notes	94
Marriages	95	Trade Report	100
Miscellaneous Inquiries	104	War-time Cosmetics	99
News of the Week	89		
Parliamentary News	98		

A "Straw" Vote

TOWARDS the end of January we sent an invitation to each of the twenty-four members of the Council of the Pharmaceutical Society of Great Britain, couched in the following terms:—

"The Government's proposal to amend this Act [Pharmacy and Poisons Act, 1933] is a matter of first importance to pharmacists and has already aroused widespread interest. We invite you, with all other members of the Council of the Pharmaceutical Society of Great Britain, to reply to the following question, feeling sure that you will be glad of the opportunity to make your views as a councillor known to the members of the Society":

"Having a first-hand knowledge of the operation of the Pharmacy and Poisons Act, 1933, are you or are you not, as a member of the Council of the Pharmaceutical Society of Great Britain, in favour of the Government's proposal to amend Section 12 (1)." (C. & D., January 18, p. 34.)

Up to the time of writing, nineteen replies have been received and these are published on pp. 93 and 94 of this issue. They may be summarised as follows: Nine definitely against the proposed amendment, none in favour of it and ten indefinite. The last group, in general terms, hope, as a result of further negotiations with the Home Office, that the original proposal will be modified, which indicates they are not in favour of the amendment as it stands. Therefore, the conclusion to be drawn from our "straw" vote is that the nineteen members of the Council who have replied to our question are all opposed to the Government's amendment in its present form.

Whether the policy of appeasement with Whitehall favoured by some councillors will prove in the end to be wise counsel remains to be seen. To us, the issue appears to be perfectly plain and clear. Deliberately, the authorities are declining to enforce the Pharmacy and Poisons Act, 1933, in some quarters. To overcome this most unusual inconsistency they now propose to amend Section 12 (1) of the Act, in order to legalise that inconsistency. Unless *Magna Charta*—"To no one will we deny justice, to no one will we delay it"—has now entirely lost its value as the corner-stone of our constitution, such a position does not, to our mind, permit of negotiation. It is obvious that any amendment to the present law must inflict an injustice on qualified chemists and loosen a very necessary public safeguard. If any trading concern desires to function as chemists, they should in all respects be subject to the law as applied to qualified chemists.

May we express our thanks to the members of the Council who have favoured us with their views on this subject. Whatever the opinion expressed, members of the Society will appreciate that their representatives on the Council are alive to the importance of the issue and are working actively and sincerely to protect their legitimate interests.

Cosmetics Production Curtailed

THE Board of Trade has this week issued an "Explanatory Memorandum" on the Limitation of Supplies (Miscellaneous) (No. 5) Order, 1940, which directly affects the production by chemists of small quantities of perfumery, cosmetics, toilet preparations and kindred goods, which come under Class 16 of the Order. Paragraph 7 of the Memorandum states:—

Every manufacturer of controlled goods however small the quantity of goods he supplies, who was not carrying on the business of supplying controlled goods in the manufacture of which he has carried out a process before July 23, 1940, must apply to be registered. Manufacturers carrying on business before July 23 should not apply to be registered so long as the value of any class of controlled goods which they supply did not exceed £250 in any month in the year which commenced on June 1, 1939, or £167 in any month in the six months commencing June 1, 1940, or in any month in the present quota period does not exceed £100. It is to be observed that the new limit of £100 represents an adjustment by reference to the increased degree of restriction.

Accompanying the memorandum is the department's Press notice (Ref. 358, 10.2.1941), as follows:—

TOILET PREPARATIONS.—*Manufacture by Unregistered Persons Prohibited.*—In consequence of the restrictions imposed by the Limitation of Supplies (Miscellaneous) (No. 5) Order, 1940, many retailers of toilet preparations, especially chemists', druggists' and pharmaceutical stores, are understood to be themselves engaging in the manufacture of toilet preparations to replace those which they are now unable to obtain in sufficient quantities from their former suppliers. It should clearly be understood that any person who was not on July 23, 1940, supplying controlled toilet preparations of his own manufacture is now prohibited from commencing the supply of such goods made by him unless he applies to the Board for registration under the Order. The provisions relating to the exemption of small manufacturers of any class of controlled goods apply only to persons who were supplying goods of that class of their own manufacture before July 23, 1940. Any unregistered person who now carries on the business of supplying controlled toilet preparations of his own manufacture is guilty of an offence under the Defence (General) Regulations, 1939, unless he was carrying on the business of supplying his own manufactures of this kind on July 23.

It will be noted that in the memorandum producers of small quantities of these goods, such as pharmacists, who can prove they were producing similar goods prior to July 23, 1940, need not apply to be registered and can continue to manufacture up to the limit of value specified. The sub-title to the Press notice is therefore incorrect and misleading. The prohibition applies only to makers who were not producing before July 23 last. They must apply for registration, but it seems doubtful if applications will be approved.

According to the Press notice, dated February 10, it is an offence for a small new unregistered producer of these goods to supply them—that is to sell them—from that date onwards. Stocks that were made prior to that date must not be sold; apparently they must be left to go to waste. We protest and respectfully appeal to the department to allow a reasonable period of time for retailers to clear their stocks. There is no question of chemists "getting round" the original Order. It was definitely laid down that small productions were outside the scope of the restriction and, rightly, it was assumed by pharmacists that there would be no objection to their making a few dozen jars of cold cream and selling them. The department, after many months, has suddenly changed its mind. It issues this new regulation and puts it into effect forthwith, regardless of the loss and waste it must incur.

There would appear to be nothing in this new restriction on trade to make it an offence if a pharmacist made up a jar of cream or any other cosmetic or toilet preparation at the request of individual customers.

PARLIAMENTARY NEWS

Prices of Goods Act Extension Under Review.—Mr. Lyons asked the President of the Board of Trade, on February 5, whether he would consider strengthening the Prices of Goods Act and extending its scope. Major Lloyd George, for the Minister, replied that the Board had for some time had under review the matters to which the questioner referred, and hoped soon to be able to make a statement on the subject.

No Further Patents Extensions.—Replying to Mr. Higgs, on February 4, the President of the Board of Trade (Mr. Lyttelton) said that Section 18 (6) of the Patents and Designs Acts, 1907 to 1939, provided for the extension of patents where the patentee as such could show that he had suffered loss or damage through the war. This provision had been made for the extension of patents on account of their interruption by the last war and he did not, as at present advised, propose to introduce further legislation on the point.

Limitation of Nursing Supplies.—Mr. R. Morgan asked the President of the Board of Trade, on February 5, whether he was aware that earthenware nursing requisites had been included by his Department in the Limitation of Supplies Orders and that, as a result, sick persons other than those in hospitals were expected to need 50 per cent. less urinals and bedpans. Major Lloyd George, for the Minister, replied that there was nothing in the Orders to prevent supplies to the full extent of those made in the standard period being made if deliveries of other pottery were correspondingly reduced.

Army Wound Dressings.—Mr. Groves asked the Secretary of State for War, on January 30, whether his attention had been drawn to the fact that the Army was persisting in the use of an obsolete method of dressing wounds and that there was unnecessary waste by discarding and throwing away the outer wrapping of cloth.

Captain Margesson replied that there was no foundation for the suggestions. The only types of dressings used in the Army with an outer wrapping of cloth were the first field and shell dressings. For these types of dressings some means of protection from the weather and ordinary wear and tear had obviously to be provided and they were quite up to date.

Palestine Citrus Industry.—On February 5, Mr. Hubert Beaumont asked the Under-Secretary of State for the Colonies whether he had considered what adequate assistance could be rendered to Palestine citrus growers to enable them to keep their groves under cultivation and tide over the present critical period. Mr. George Hall replied that the matter had for some time formed the subject of correspondence with the High Commissioner for Palestine, and comprehensive proposals for assisting the industry had just been received and were under examination. He informed Mr. Adams that a Citrus Control Board had already been set up to impose statutory supervision over the whole industry, and both Jews and Arabs were represented upon it.

Medicinal Herbs.—Mr. Liddall asked the Minister of Health, on February 6, whether he had anticipated the shortage of imported medicines by arranging for the planting last autumn of medicinal herbs; with what results for the coming year; and what other steps he had taken after being warned last year of the probable shortage. Mr. M. MacDonald replied that steps had been taken in August 1940 to encourage the cultivation of the more important plants, and this action was being continued in collaboration with manufacturers of pharmaceutical products and growers, in order to increase production of certain herbs. He was not aware that for the purpose of manufacture of medicinal preparations considered essential in war-time there was any serious shortage. He would send the questioner details of the results.

Calcium Salt in Bread.—Sir E. Graham-Little asked the Parliamentary Secretary to the Ministry of Food, on January 30, whether he still proposed to add to flour for bread an undefined proportion of a calcium salt, since a recent research conducted at the Liverpool Institute of Research threw doubt on the assumption that there was any general deficiency of calcium in the people's diet and indicated that there was danger in increasing the calcium content in the manner proposed.

Major Lloyd George: The answer to the first part of the question is in the affirmative. As regards the latter part of the question, my noble Friend is advised that the results of the research work referred to are under consideration on

behalf of the Medical Research Council, but that it already appears that there are reasons for mistrusting the conclusions drawn from the Liverpool experiments.

Utilising the Country's Medical Services.—Mr. Mander asked the Minister of Health, on February 5, whether, in view of widespread dissatisfaction in the medical profession at failure to utilise fully the services of the medical profession in the national effort, he would consider appointing a small non-medical committee to investigate the most effective way of organising the medical services.

The Minister of Health (Mr. Malcolm MacDonald): I am not aware of any widespread dissatisfaction such as is referred to by the hon. Member, but the Service Ministers and I have recently had the advice of a Committee appointed to consider the steps necessary to secure a proper allocation of the available medical man-power between civilian and military services. . . . Their report is now receiving our active consideration.

Starch Control.—Sir J. Wardlaw-Milne asked the Parliamentary Secretary to the Board of Trade as representing the Ministry of Food, on February 6, at what date the Starch (Farinaceous) Control had been established; also what were the prices of farina pre-war, at one month before control was instituted, and one month later.

Major Lloyd George: The Farina (Control and Provisional Prices) Order, 1940 (S.R. & O. No. 706) came into force on May 10, 1940. The prices of farina ex wharf were (a) Immediately before the war, from £10 10s. to £11 10s. per ton; (b) On April 10, 1940, from £23 10s. to £25 per ton; (c) On June 10, 1940, sales were "at a price to be fixed." All stocks of farina in the country were requisitioned by the Ministry on dates between August 29 and September 4, 1940, after which the price was provisionally put at £30 per ton and later reduced to £28 10s. per ton, the reduction being retrospective.

PRECAUTIONS FOR DIABETICS

A DIABETIC patient, whose life depends on the use of insulin, runs special risks during air raids. The risks must be guarded against by precautions taken by the patient and by prompt and appropriate treatment by those attending him. It is important that he should carry in his pocket or round his neck or wrist the information that he is a diabetic patient under insulin treatment, and the Diabetic Association, 124 Baker Street, London, W.1, has issued a suitable card, on which can be written the usual dose, the treatment for an overdose, and the usual doctor's name and address. This will be sent to any diabetic patient on receipt of a stamped addressed envelope, and should be carried inside the National Registration Identity Card. A special identity disc, to be worn round the neck or wrist, is also supplied by the Association on receipt of a stamped addressed envelope. A leaflet, "Precautions for Diabetic Patients in War-time," giving advice not only to patients but also to members of first-aid and A.R.P. services who may meet with a diabetic case, has been issued in consultation with the Ministry of Health. The leaflet is being sent by the Ministry to certain local authorities and hospitals, and it is suggested that copies should be displayed in first-aid and medical-aid posts in shelters. To effect economy in the use of insulin bottles, the Ministry of Health recommends the use of double-strength (40 units per c.c.) or quadruple-strength (80 units per c.c.) instead of single-strength insulin (20 units per c.c.). Patients should consult their medical advisers before making such a change, but given the approval of the doctor the quantity used for each injection can be adjusted quite simply. It has been calculated that if all the users of the single-strength insulin adopted the double-strength, there would be a total saving of approximately 20,000 bottles per week. This economy would greatly assist the manufacturers of insulin in maintaining supplies, and users would reduce their own expenditure by a small amount because the double-strength insulin is slightly cheaper than an equivalent amount of the single-strength. In the past few months local shortage of insulin has been experienced, due not to any real shortage, but to temporary difficulties in the distribution of particular brands, and to shortage of insulin vials, which must be made of special glass. Where there is such a shortage doctors are being advised to omit reference to specific brands from their prescriptions, and pharmacists to request their customers to return used vials.

WAR-TIME COSMETIC FORMULAS

II.—Vanishing Creams

VANISHING or foundation creams are oil-in-water emulsions which consist of an emulsifying agent—usually stearic acid—combined with alkali-free stearic acid, and water, to which substances such as glycerin, mineral oil and cacao butter are frequently added. Usually the emulsifying agent is potassium or sodium stearate, or a mixture of the soaps which are formed *in situ* and which provide an emulsion of the residual free (unsaponified) stearic acid and water to form the body of the cream. Such creams thus differ from true soaps in that only a relatively small amount of the stearic acid is saponified.

The consistency of the vanishing cream depends upon (a) the amount of stearic acid saponified, (b) (to a lesser extent) the saponifying property of the alkali used. An average vanishing cream should contain approximately 6 per cent. of soap and about 15 to 25 per cent. excess of stearic acid, the remainder being water, etc. The proportion of soap should not be too high, otherwise the product will tend to become soapy rather than creamy, in both appearance and action. The total of stearic acid and alkali present should not, in general, exceed 30 per cent. Among the alkalis which have been used in vanishing creams are the alkaline carbonates, potassium and sodium hydroxides, and ammonia. Although the carbonates are less expensive than the caustic alkalis, their use is deprecated nowadays, because of the carbon dioxide evolved during saponification, which is difficult to remove completely, and which tends to aerate the cream, producing sponginess. On standing, creams made with carbonates often shrink as the gas is released. Ammonia vanishing creams are somewhat difficult to make, because some ammonia is lost in the heating process. Although the creams are often of good appearance, the possibility of ammonia loss, the distinct ammonia odour in the jar, and the fact that the cream may become discoloured, make the use of this alkali inadvisable. Potassium hydroxide is perhaps the most suitable alkali to use, owing to the fine texture of the cream it produces, which has a soft consistency without excessive harshness. Sodium hydroxide is also much used, but it produces a harder cream, usually without the "pearliness" of other creams. For this reason a combination of potassium and sodium hydroxides is frequently employed.

One part of sodium hydroxide reacts with approximately seven parts of stearic acid, and one part of potassium hydroxide with about five parts. As so little caustic alkali is required, the pure sticks should be used. The stearic acid should be triple-pressed, white, odourless, and of a melting point not lower than 54° C. Part of the stearic acid can be replaced by other fatty materials to improve the melting value of the cream, as the stearate mixture alone tends to have a drying effect on the skin. Such additions include cetyl or other fatty alcohol, spermaceti, lanolin, cacao butter, and vegetable oils, in the proportion of 1–5 per cent. of the total. Higher proportions alter the properties of the cream to too great an extent. A vanishing cream made exclusively from

fatty acid, alkali and water, with or without the addition of emollients, is not entirely satisfactory, since first it does not run smoothly on to the skin, and secondly it loses water too rapidly and shrinks. The addition of 5–10 per cent. of glycerin or diethylene glycol ethyl ether is desirable to overcome these difficulties. Such addition also prevents any harsh reaction resulting from the alkalis or the free stearic acid present. The "pearliness" of a vanishing cream develops on long standing, with occasional stirring, and is due to recrystallisation of the unsaponified stearic acid. The presence of emollients such as oil, lanolin, and fatty alcohols tends to reduce pearliness; addition of glycerin, alcohol or oleic acid, on the other hand, is often useful to promote its development. Where pearliness in the cream is desired, some potassium hydroxide should be used, as for some reason the recrystallisation of the free stearic acid appears to be induced by this alkali. To overcome the possibility of mould developments in vanishing creams, it is desirable to add about 0.1 per cent. of methyl-*p*-hydroxybenzoate, for free stearic acid otherwise provides a good medium for the growth of certain micro-organisms liable to cause deterioration.

Preparing the Creams.—By the usual method of preparing the vanishing creams formulated below, the stearic acid is melted with any other oils and waxes in one vessel, and the alkalis, glycerin, etc., are heated with the water to a temperature of 80–85° C. in another. When both solutions are at the same temperature, the aqueous solution is run into the oily mixture with thorough stirring; mixing is continued until the cream forms a white, firm emulsion. When the mixture has cooled to about 40° C., perfume can be added. On standing, a crust usually forms on the top of the cream, and this should be worked into the mass to prevent lumpiness. It is important to remember that the rate of stirring the cream should be reduced after saponification is complete, as too violent mixing may produce an over-aerated cream.

Vanishing creams may also be prepared without the use of stearic acid and alkali by employing a cream base such as a glyceryl ester of stearic acid with a suitable emulsifying agent, or a fatty alcohol mixture with an emulsifying agent. By this method, the base, emollient, glycerin and water are heated until the fatty substances are melted. The mixture is then stirred vigorously until emulsification is complete, and slowly afterwards until the cream is cool. The appearance of vanishing creams made in this way differs from that of ordinary stearate creams. These mixtures are usually more translucent than those containing soap and excess stearic acid, and a little mineral oil is usually added to increase their opacity. The perfume used in vanishing creams depends mainly on individual preference. Chemists will probably wish to experiment with any essential oils or synthetic perfumery materials in stock, but time and expense can be saved by using the concentrated perfume bases designed for cosmetic creams and marketed by the larger manufacturers of perfumery materials.

1.					
Stearic acid	..	..	..	..	50.0
Oleic acid	..	..	..	..	10.0
Potassium hydroxide	..	..	..	..	2.5
Water	..	..	..	..	200.0
Perfume as desired.					

2.					
Stearic acid	..	..	..	..	24.0
Water	..	..	..	..	64.0
Glycerin	..	..	..	..	10.51
Potassium hydroxide	..	..	..	..	0.99
Perfume	..	..	..	..	0.5

3.					
Stearic acid	..	..	..	..	25.0
Cetyl alcohol	..	..	..	..	0.5
Cacao butter	..	..	..	..	1.0
Glycerin	..	..	..	..	8.0
Potassium hydroxide	..	..	..	..	0.5
Water	..	..	..	..	65.0

4.					
Stearic acid	..	..	..	..	22.0
Cacao butter	..	..	..	..	1.0
Potassium hydroxide	..	..	..	..	0.9
Heavy liquid paraffin	..	..	..	..	2.0
Distilled water	..	..	..	..	63.6
Glycerin	..	..	..	..	10.0
Perfume	..	..	..	..	0.5

5.					
Glyceryl monostearate	..	..	..	..	12.0
Heavy liquid paraffin	..	..	..	..	2.0
Glycerin	..	..	..	..	3.0
Spermaceti	..	..	..	..	5.0
Water	..	..	..	..	78.0

6.					
Diglycol stearate	..	..	..	..	11.0
Lanolin	..	..	..	..	3.0
Arachis oil	..	..	..	..	3.0
Glycerin	..	..	..	..	3.0
Water	..	..	..	..	80.0

7.					
Glyceryl monostearate	..	..	..	..	13.0
Beeswax	..	..	..	..	2.0
Glycerin	..	..	..	..	10.0
Water	..	..	..	..	70.0
Sesame oil	..	..	..	..	3.0
Lecithin	..	..	..	..	2.0

8.					
Stearic acid	..	..	..	..	175 gr.
Oleic acid	..	..	..	..	70 gr.
Solution of potassium hydroxide	..	..	..	..	380 min.
Solution of hamamelis	..	..	..	..	2 oz.
Glycerin	..	..	..	..	90 gr.
Synthetic oil of rose	..	..	..	..	4 min.
Distilled water to	..	..	..	..	4 oz.

TRADE REPORT

Spot quotations recorded for pharmaceutical chemicals, crude drugs, essential oils, etc., represent the prices for wholesale quantities of standard quality. C.i.f. shipment quotations do not include marine war risk insurance and other abnormal charges which arise in the present emergency

28 Essex Street, W.C.2, February 12

THE markets continue to report a very fair volume of business. The home consuming demand has been quite steady, and there are reports of export business being done with the Colonies. Prices of most products have remained unaltered, although in a few cases an upward trend is discernible. In PHARMACEUTICAL CHEMICALS, reports from makers and dealers indicate that business has been moderately good. The principal change of the week concerns mercury compounds. The Minister of Supply has issued the Control of Mercury (No. 5) Order, 1941, which revokes the previous control of mercury orders. The main effect of the new Order is to reduce the maximum prices at which certain mercury compounds may be sold. Copies of the new Order, which came into force on February 10, may be purchased from H.M. Stationery Office, York House, Kingsway, London, W.C.2, or through any bookseller, and inquiries concerning the Order should be addressed to the Ministry of Supply (Code HA), Raw Materials Department (Mercury Control), The Castle, Warwick. More interest is being shown in ACETANILIDE, supplies of which appear to be adequate. British-made ALLOBARBITONE is now available. BARBITONE continues firm, and a fair business is passing. A slight improvement in the supply position of BENZALDEHYDE is noted. Makers of BENZYL BENZOATE report they are taking special steps to meet medicinal requirements. CAFFEINE continues dear and in short supply. Makers of LACTATES have announced advances in prices of CALCIUM LACTATE, CALCIUM SODIUM LACTATE, and LACTIC ACID.

Crude Drugs

Business in crude drugs has been on quite a fair scale during the week, most of the demand coming from the home consuming trade. Prices of most commodities are steady. Supplies of several crude drugs of Indian origin, e.g. PODOPHYLLUM, STRAMONIUM LEAVES and VALERIAN ROOT, are reported to be available. In AGAR a fair business is reported, but stocks are now small; there have been indications from Japan that exporters are prepared to do business and are offering all three grades at advantageous terms. The good demand recently noted for CURAÇAO ALOES continues. ANTIMONY is a slow market, but values are maintained. BALSAM OF TOLU is in better demand this week. BUCHU remains firm on spot, with no offers of new-crop leaves. Some offers of CAMPHOR are reported from Japan at reasonable prices. CLOVES remain fully firm. The maximum wholesale price of DESICCATED COCONUT has been fixed by the Ministry of Food. Occasional orders are being received for COLOCYNTH, and values continue steady. The demand for DERRIS ROOT has been rather better. West African GINGER shows a further advance on spot, but other varieties remain unchanged. IPECACUANHA has remained quiet, though Matto Grosso shipment prices are dearer. MENTHOL continues firm and in good demand; some offers are reported from Japan. ORANGE PEEL is quoted dearer on spot. PEPPERS are firmer. PIMENTO is quiet, but values are maintained. SENEGA is firm on spot, with shipment dealer and offers difficult to obtain. The finer grades of GUM TRAGACANTH continue scarce, and medium qualities are consequently dear.

Essential Oils

A moderate business, mostly in small quantities, has been done in these products. Supplies of some oils continue difficult, and interest is turning to artificial substitutes, a good range of which is available from British makers at attractive prices. Spot values of ANISE (STAR) continue firm. BAY has been in small sale at unchanged prices. BOIS DE ROSE is steady. CASSIA is firm on spot, with a fair business passing. CITRONELLA is steady but quiet. Both Bourbon and Algerian GERANIUM are firm on spot. French Guinea ORANGE is maintained at recent levels. Spot quotations for PALMAROSA continue nominal. A fair spot trade is noted in Chinese PEPPERMINT at steady prices.

Exchange Rates on London

The following is a list of the chief Continental and other exchange rates at the opening on Wednesday morning:—

Centre	Quoted	Par	February 5	February 12
Belgian Congo	Francs to £	nominal	176½*	176½*
Buenos Aires	Paper pesos to £	—	16·98½*	17·04½*
Java	Florins to £	12·107	7·60*	7·60*
Lisbon	Escudos to £	110	100·0*	100·0*
Madrid	Pesetas to £	25·24½	40·50 official 46·55 voluntary	40·50 official 46·55 voluntary
Montreal	Dollars to £	4·86½	4·45*	4·45*
New York	Dollars to £	nominal	4·03*	4·03*
Shanghai	Per dollar	—	3½d.	3½d.
Stockholm	Kronor to £	18·150	16·90*	16·90*
Yokohama	Per yen	28.	18. 2½d.	18. 2½d.
Zurich	Francs to £	22·2115	17·35*	17·35*

* Rate fixed by Bank of England. Bank rate, 2 per cent.

Pharmaceutical Chemicals

BUSINESS has continued on an average scale, the general tone being steady throughout the main range of chemicals.

ACETANILIDE.—Considerable interest is being shown in this product, supplies of which are stated to be adequate. Spot values of B.P.C. crystals and powder are unaltered at 2s. 4d. to 2s. 6d. per lb., according to quantity.

ALLOBARBITONE (B.P.C.).—British-made material is quoted at about 55s. to 60s. per lb.

AMIDOPYRINE.—Dealers' prices for crystals remain at from 27s. 6d. per lb. for one-cwt. lots, up to about 30s. per lb. for smaller lots; powder, 3d. per lb. extra.

ASPIRIN.—Makers' prices are unchanged:—

Quantity	In containers of					
	1 lb.	2 lb.	4 lb.	7 lb.	14 lb.	28 lb.
1 lb. and under 4 lb.	s. d. 3 10½	s. d. 3 9	—	—	—	—
4 lb. and under 7 lb.	3 9½	3 8	3 7½	—	—	—
7 lb. and under 14 lb.	3 8½	3 7	3 6½	3 6½	—	—
14 lb. and under 28 lb.	3 7½	3 6	3 5½	3 5½	3 5	—
28 lb. and under 1 cwt.	3 6½	3 5	3 4½	3 4½	3 4	3 3½
Not less than 1 cwt.	2 11½	2 10	2 9½	2 9½	2 9*	2 8½
Not less than 5 cwt.	2 11	2 9½	2 8½	2 8½	2 8½*	2 8
Not less than 10 cwt.	2 10	2 8½	2 8½	2 7½	2 7½*	2 7

* 8 x 14 lb. and upwards in one delivery, ½d. per lb. less.

Sale is subject to buyers undertaking not to re-sell any quantity at prices or terms below scale for such quantity current at time re-sale is made, and, if converted into tablets, not to sell any number at prices or terms below scale current at time of sale.

ASPIRIN TABLETS.—Bulk quantities are quoted by makers as follows: Under 5,000, 3s. 1½d.; 5,000, 2s. 11½d.; 10,000, 2s. 10½d.; 25,000, 2s. 8½d.; 50,000, 2s. 7½d.; 100,000, 2s. 6½d.; 250,000, 2s. 6d.; 500,000, 2s. 5½d.; 1,000,000, 2s. 4½d.; 2,000,000, 2s. 3½d. per 1,000. All bulk sales are subject to re-sale clause.

ATROPINE.—Steady at makers' prices: ALKALOID, 21s. per oz.; 4 oz., 20s. 6d., and 25 oz., 20s. per oz. SULPHATE, 16s. 6d. per oz.; 4 oz., 16s., and 25 oz. 15s. 6d. per oz. Bottles of 5-gm. or ½-oz., 3d.; stoppered, 5d.; 5-gm. to 25-gm. or ½-oz., corked, 3½d.; stoppered, 6d.; 25-gm. or 1-oz., corked, 3½d.; stoppered, 7½d.; 50-gm. or 2-oz., corked, 4d.; stoppered, 9d. each; 100-gm. and over, included in price; tubes, per 100, 5-gr., 10s. 6d.; 10-gr., 12s. 3d.; 15-gr., 14s.

BARBITONE.—Firm, business fair. One cwt., about 24s. per lb.; smaller quantities, about 27s. 6d. to 30s. per lb.

BENZALDEHYDE.—Quotations for p.f.c. are unaltered at about 4s. to 4s. 6d. per lb. The supply position appears to be slightly improved.

BENZOIC ACID (B.P.).—Demand is good, but supplies are difficult. Quotations remain at about 2s. 6d. to 3s. per lb., nominal.

BENZYL BENZOATE.—Makers report they are taking steps to meet the demand for material required for medicinal purposes. Quotations are now at about 4s. 6d. per lb.

BORAX (B.P.).—Makers' prices continue steady: Granulated, £34; crystals, £35; powder, £35 10s. per ton, in 1-cwt. bags, carriage paid in Great Britain, for minimum one-ton lots. Commercial qualities, £8 per ton less.

BORIC ACID (B.P.).—Makers' prices steady: Granulated, £50 10s.; crystals, £51 10s.; powder, £52 10s. per ton for minimum one-ton lots, in 1-cwt. bags, carriage paid in Great Britain. Commercial qualities, £8 per ton less.

CAFFEINE.—In short supply, with the price firm. Importers' quotations for ALKALOID range between 52s. 6d. and 57s. 6d. per lb., according to quantity. CITRATE.—Valued at about 27s. 6d. to 32s. 6d. per lb., with supplies limited.

CALCIUM LACTATE.—As noted last week, makers have advanced their price for small lots to 1s. 9d. per lb.

CALCIUM SODIUM LACTATE.—Makers' prices are now as follows: 28 lb., 2s. 3d. per lb.; 14 lb., 2s. 5d.; smaller lots, 2s. 8d. per lb.

CREAM OF TARTAR (B.P.).—A nominal price of 202s. per cwt. less 2½ per cent. discount, is quoted by one maker, supplies being restricted to regular consumer customers. Another maker reports that deliveries have been made on the basis of 255s. per cwt.

CREOSOTE (BEECHWOOD).—Bulk quantities, in 25-kilo demijohns, are quoted by dealers at about 7s. 6d. per lb.

EPHEDRINE HYDROCHLORIDE (B.P.).—Ordinary quantities continue to be quoted at about 7s. to 8s. per oz., with lots of 1,000 oz. at a slightly lower figure.

ETHERS (METHYLATED).—Makers' quotations are steady, as follows:—

Specific Gravity and Grade	Winchester quarts, per lb.	Not less than		Drums, per lb.
		6 w. qts., per lb.	12 w. qts., per lb.	
o-750	s. d. 1 4½	s. d. 1 4	s. d. 1 3½	s. d. 1 2½
o-735	1 5	1 4½	1 4	1 3
o-730	1 5	1 4½	1 4	1 3
o-725	1 7	1 6½	1 6	1 5
o-725, triply rectified ..	1 11½	1 11	1 10½	1 9½
o-720	1 8	1 7½	1 7	1 6
o-717	2 2	2 1½	2 1	2 0
o-720 B.P., not for anaesthesia	1 10	1 9½	1 9	1 8

Net prices, usual terms. Special prices for quantities and contracts, subject to rise-and-fall clause. Prices for anaesthetic ethers unchanged.

GLYCERIN.—Basic price for chemically pure, B.P., is now 67s. 6d. per cwt., and for single-distilled pale straw, 62s. 6d. per cwt., less 2½ per cent., delivered in 10-cwt. drums. The usual differences apply for smaller packages, etc.

GUAIACOL.—Good business reported. Values continue in the region of 12s. 6d. per lb. for crystals and liquid.

GUAIACOL CARBONATE.—Makers' and dealers' prices remain steady at between 12s. 6d. and 13s. 6d. per lb.

HEXAMINE.—Spot values are maintained. Free-running crystals quoted by dealers at about 2s. 1d. to 2s. 3d. per lb., ex store, according to quantity; powder would be at cheaper rates.

LACTIC ACID (B.P.).—As noted last week, makers' prices have been advanced, as follows: One-cwt. carboys, 1s. 10d. per lb.; winchesters and bottles, 1s. 11d. to 2s. 1d. per lb.

MANDELIC ACID.—The demand is fair, but supplies, owing to shortage of raw material, are limited.

MERCURIALS.—New controlled prices came into force on February 10, as follows:—

Mercury Compound	Over 7 lb. but less than 28 lb.	28 lb. and over but less than 1 cwt.	1 cwt. and over but less than 2 cwt.	2 cwt. and over but less than 5 cwt.	5 cwt. and over
Bicbichloride, powder ..	s. d. 12 0	s. d. 11 8	s. d. 11 7	s. d. 11 6	s. d. 11 4
Bicbichloride (industrial quality)	12 0	11 8	11 7	11 5	11 3
Bicbichloride, lump ..	12 7	12 3	12 2	12 1	11 10
Ammonium chloride, powder ..	13 10	13 6	13 5	13 4	12 10
Ammonium chloride, lump ..	13 8	13 4	13 3	13 2	12 8
Chloride (mercurous) ..	14 2	13 10	13 9	13 8	13 6
Oxide, red crystalline, B.P. ..	15 11	15 7	15 6	15 5	15 3
Oxide, red levigated, B.P. ..	15 5	15 1	15 0	14 11	14 11
Oxide, red technical ..	All quantities—14s. 8d. per lb.				
Oxide, yellow levigated, B.P. ..	15 4	15 0	14 11	14 10	14 10
Oxide, yellow technical ..	All quantities—14s. 4d. per lb.				

Packages free for quantities of 28 lb. and over; delivery free on orders of £20 and over.

MERCURY IODIDES.—The following are makers' prices per lb.:—RED, less than 7 lb., 17s. 8d.; not less than 7 lb., 17s. 4d.; not less than 14 lb., 16s. 10d. GREEN: less than 7 lb., 19s. 6d.; not less than 7 lb., 19s. 2d.; not less than 14 lb., 18s. 8d. YELLOW, less than 7 lb., 21s. 3d.; not less than 7 lb., 20s. 11d.; not less than 14 lb., 20s. 5d. net, carriage paid.

METHYL SALICYLATE.—Makers' prices continue at the levels quoted recently: Five cwt., 1s. 8½d.; one cwt., 1s. 9d.; small quantities in bottles, 1s. 11d. per lb.

METHYL SULPHONAL.—Dealers' quotations remain at about 39s. and 41s. per lb., ex store, with limited sales.

PARALDEHYDE.—Moderate business continues, with the price steady. Quantities, in one-cwt. carboys, about 11d. to 1s. per lb.

PHENACETIN.—Makers' prices are steady: Ordinary quantities, about 3s. 9d. to 4s. per lb., without engagement. Dealers are quoting at about 8s. 6d. per lb.

PHENAZONE.—Business slow, values steady. Dealers' prices are at about 17s. per lb. for bulk quantities, with smaller lots at up to 22s. per lb.

PHENOLPHTHALEIN.—Makers' prices are steady, as follows: Less than 7 lb., 4s. 2d. per lb.; 7 lb., 4s. 1d.; 14 lb., 4s.; 28 lb., 3s. 11d.; one cwt., 3s. 10d.

PHOTOGRAPHIC CHEMICALS.—The following are home makers' prices: SODIUM HYPOSULPHITE.—5 cwt., 20s.; 1 cwt., 23s.; 56 lb., for 12s. 6d.; 28 lb. for 6s. 6d. SODIUM CARBONATE, RECRYST.—5 cwt., 13s. 9d.; 1 cwt., 17s.; 56 lb., for 12s. 6d.; 28 lb. for 6s. 6d. ALUM (PHOTOGRAPHIC QUALITY).—1 cwt., 23s.; 28 lb. for 6s. 6d. GLYCIN.—7 lb., 13s. 6d.; in 1-lb. bottles, 14s. 6d. POTASSIUM FERRICYANIDE.—28 lb., 3s. 1d.; 14 lb., 3s. 3d.; 7 lb., 3s. 6d.; less than 7 lb., 3s. 9d. per lb.; 1-lb. bottles, 4s. 3d.; 8-oz. bottles, 2s. 6d.; 4-oz., 1s. 5d.; 1-oz., 10d. each. AMIDOL.—1 cwt., 8s. 6d.; 56 lb., 8s. 9d.; 28 lb., 9s. per lb., net; 14 lb., 9s. 9d.; 7 lb., 10s. 6d.; less than 3 lb., 12s. 6d. per lb., 2½ per cent. monthly account. Bulk parcels and tins free. 1-lb. bottles, 6d. extra. CHLORQUINOL.—1-lb.

bottles, 21s. per lb. HYDROQUINONE.—1 cwt., 6s. 4½d.; 56 lb., 6s. 7d.; 28 lb., 6s. 10d. per lb., net; 14 lb., 7s. 3d.; 7 lb., 7s. 6d.; less than 7 lb., 8s. per lb., less 2½ per cent. monthly account. Retail quantities: 16 oz., 8s. 6d.; 8 oz., 4s. 6d.; 4 oz., 2s. 8d. Trade prices in bottles: 1-lb. bottles, 8s. 6d. each; 8-oz. bottles, 4s. 6d. each; 4-oz. bottles, 2s. 8d. each; 1-oz. bottles, 1s. 1d. each, with retail selling prices 50 per cent. additional. GOLD CHLORIDE.—15-grain tubes, 53s. per doz. MAGNESIUM POWDER.—11s. 9d. per lb. PARAMIDOPHENOL HYDROCHLORIDE.—9s. per lb., bottles free. POTASSIUM METABISULPHITE.—One cwt., 1s. 3d.; 28 lb., 1s. 6d.; 14 lb., 1s. 7d.; 7 lb., 1s. 9d.; 1 lb., 2s.; 16-oz. bottles, 2s. 6d.; 8-oz. bottles, 1s. 6d. each; 4-oz. bottles, 1s. each; 1-oz. bottles, 8d. each. PYROGALLIC ACID, CRYST.—1 cwt. and over, 11s. 3d.; 56 lb., 11s. 6d.; 28 lb., 12s., all net; 14 lb., 12s. 9d.; 7 lb., 13s. 9d.; under 7 lb., 14s. 6d. per lb., all 2½ per cent. monthly account. Small quantities, 1 lb., 15s.; 8 oz., 8s. 4d.; 4 oz., 4s. 8d.; 1 oz., 1s. 8d. PYROGALLIC ACID, RESUB.—28 lb., 13s. 6d. net; 14 lb., 14s. 3d.; 7 lb., 15s. 3d.; under 7 lb., 16s. per lb., all 2½ per cent. monthly account. Small quantities, 1 lb., 16s. 6d.; 8 oz., 9s.; 4 oz., 5s. 4d.; 1 oz., 2s. SODIUM SULPHITE, RECRYST.—One cwt., 24s. 6d. per cwt., 56 lb., for 13s. 3d.; 28 lb. for 7s. METOL.—1 cwt., 15s.; 56 lb., 15s. 6d.; 28 lb., 16s. per lb., all net; 14 lb., 17s.; 7 lb., 18s.; under 3 lb., 19s. per lb., all 2½ per cent. monthly account. Bulk tins free; 1-lb. bottles, 6d. per lb. extra. Retail quantities: 16 oz., 19s. 6d.; 8 oz., 10s. 6d.; 4 oz., 5s. 6d.; 1 oz., 2s. 3d. Manufacturers make it a condition of sale that material shall not be re-sold at prices lower than their schedules ruling on date re-sale is made.

QUININE.—Sulphate continues to be quoted at 59-85 American dollars per 100 oz., f.o.b. Java. The sterling price, at current rate of exchange, is £14 17s. 5d. per 100 oz., f.o.b. Java.

RESORCIN.—No change in makers' prices: Not less than 7 lb., 7s. 3d. per lb.; not less than 14 lb., 7s.; not less than 56 lb., 6s. 10d.; not less than 1 cwt., 6s. 9d. Dealers' prices for any spot material available would be about 8s. 6d. to 9s. per lb.

SACCHARIN.—550 continues to be quoted at the Convention rate of 98s. 4d. per lb., duty paid. Neither wholesale nor retail prices are under Government control.

SODIUM BARBITONE.—The following are current quotations: One cwt., about 24s. per lb.; smaller quantities, about 27s. 6d. to 30s. per lb.

SODIUM SALICYLATE (B.P.).—Makers' scales of prices are as follows:—

In containers of	1 lb.	2 lb.	4 lb.	7 lb.	14 lb.	28 lb.
Under 4 lb. ..	s. d. 3 0	s. d. 2 10½	s. d. 2 9½	s. d. 2 7½	s. d. 2 6½	s. d. 2 5
4 lb. and under 7 lb. ..	2 11	2 9½	2 8½	2 7½	2 6½	2 5
7 lb. and under 14 lb. ..	2 10	2 8½	2 7½	2 6½	2 5½	2 4
14 lb. and under 28 lb. ..	2 9	2 7½	2 6½	2 5½	2 4½	2 3
28 lb. and under 1 cwt. ..	2 8	2 6½	2 5½	2 4½	2 3½	2 2
1 cwt. and under 5 cwt. ..	2 3	2 1½	2 1½	2 0½	2 0	1 11½
5 cwt. and under 1 ton ..	2 2½	2 1	2 0½	2 0½	2 0	1 11½
1 ton ..	2 2	2 0½	2 0½	1 11½	1 11½	1 11

* 8 × 14 lb. and upwards, in one delivery, ½d. lb. less.

Prices include parcels or collapsible cartons; other packages charged extra. Can be assorted with salicylic acid. Prices are quoted subject to buyer's undertaking not to re-sell any quantities at prices or terms below scale current as time of re-sale.

STRYCHNINE SALTS.—No change in British makers' prices per oz.:—

	Under 100 oz.	100 oz. and under 500 oz.	500 oz. and over
Alkaloid, crystalline ..	s. d. 3 0	s. d. 2 10½	s. d. 2 9
Alkaloid, precipitated ..	3 0	2 10½	2 9
Acetate ..	3 2½	3 1	2 11½
Arsenate ..	3 1	2 11½	2 10
Arsenite ..	3 2½	3 1	2 11½
Bisulphate ..	2 4½	2 3	2 1½
Hydrochloride ..	2 9½	2 8	2 6½
Hypophosphite ..	5 6	5 4½	5 3
Nitrate, crystalline ..	2 9½	2 8	2 6½
Nitrate, powder ..	2 9½	2 8	2 6½
Nitrate, powder, No. 2 ..	2 3	2 1½	2 0
Phosphate ..	3 7½	3 6	3 4½
Sulphate, neutral, crystalline ..	2 6	2 4½	2 3
Sulphate, neutral, powder ..	2 6	2 4½	2 3
Sulphate, neutral, powder No. 2 ..	2 1	1 11½	1 10

25-oz. containers and outer cases free; smaller packages extra. Contracts may be booked for quantities of 100 oz. and over, with rise-and-fall clause, for a period of six months. Terms net thirty days. Wholesale distributors' prices for small quantities would be dearer.

SULPHANILAMIDE.—A good business is being done. Quotations are steady at from 11s. 6d. to 12s. 6d. per lb., according to quantity.

SULPHANOL.—Dealers' spot prices are firm at 34s. to 37s. 6d. per lb., according to quantity.

THEOBROMINE.—In small supply. Imported material appears to be worth about 55s. to 60s. per lb. THEOBROMINE SODIUM SALICYLATE.—British-made from imported theobromine would be valued at about 35s. to 37s. 6d. per lb.

VANILLIN.—British makers' prices are steady: Ex clove oil or guaiacol, five cwt., 15s. 6d. per lb.; one cwt., 15s. 7½d.; 56 lb., 15s. 9d.; less than 56 lb., 16s., carriage paid in the U.K. Tins in cases are now returnable to makers.

VERMILION.—New controlled prices for mercury sulphide, red (vermilion), came into force on February 10, as follows: Over 7 lb. but not more than 30 lb., 13s. 1d.; 30 lb. and over but less than 1 cwt., 13s.; 1 cwt. and over but less than 5 cwt., 12s. 11d.; 5 cwt. and over but less than 10 cwt., 12s. 10d.; 10 cwt. and over but less than 20 cwt., 12s. 9d.; 20 cwt. and over, 12s. 8d. Packages free for all quantities; delivery free on orders of £10 and over.

Crude Drugs

Few changes have occurred during the week. Conditions remain fully steady and there is a fair consuming demand.

AGAR.—Fair business is passing, but stocks are small. Spot, Kobe No. 1, 18s. per lb.; Kobe No. 2, 17s.; and Yokohama No. 1, 17s. per lb. During the past week there have been indications from Japan that exporters are prepared to do business and are offering all three grades at advantageous terms, with a prospect of freight being available in the near future.

ALOES.—A good demand continues for Curaçao, and quotations are unaltered. Spot, about 330s. to 350s. per cwt., ex store, according to quantity. Some offers are reported for shipment from Curaçao via New York, the price of which would work out at about 305s. per cwt., c.i.f. Cape, steady and unchanged at between 57s. 6d. and 60s. per cwt.

ANTIMONY.—Demand continues slow, but values are maintained. English, 99 per cent., £85 per ton, delivered; foreign regulus, £88 to £91 per ton, ex warehouse, duty paid; Chinese, for prompt shipment, £76 to £80 per ton, c.i.f.

BALSAMS.—Market remains quiet, but values are steady. *Tolu*, in better demand, 8s. per lb., spot; softish, 7s. 6d. per lb.; *Canada*, 7s. 9d. per lb.; *Copaiba*, B.P., 3s. 6d. per lb.; *Peru*, 7s. 9d. per lb.

BELLADONNA.—English-grown leaf is valued at about 4s. 6d. per lb. Imported material is not quoted.

BENZON.—Occasional business; quotations unchanged. Spot, Sumatra, from £5 10s. to £6 15s. per cwt., ex store.

BISMUTH METAL.—Current quotation for 99.95 per cent. remains at one dollar 25 cents per lb.

BUCHU.—Firm and unchanged. About 3s. 5d. per lb. would be the present spot value; there are no offers of new-crop leaves.

CAMPOR.—Inquiry continues fair. Japanese, tablets, scarce; slabs, about 5s. 2d. per lb. and flowers, about 5s. 4d. per lb. Some offers are reported from Japan at reasonable prices. Continental synthetic is quoted unchanged: Powder, 5s. 3d.; tablets, 5s. 6d. per lb., ex store. English refined, steady as follows: Flowers, one cwt., 6s. 3d.; 28 lb., 6s. 4d.; less than 28 lb., 6s. 5d. per lb. Transparent tablets, 4-oz.: one cwt., 6s. 9d.; 28 lb., 6s. 10d.; less than 28 lb., 6s. 11d. per lb.

CANTHARIDES.—Business is of small account; supplies are limited. Chinese, on spot, would be worth about 6s. per lb., duty paid; Russian, if available, about 6s. 6d. per lb. on spot.

CARDAMOMS.—Not much inquiry is being experienced; the price is steady. Ceylon, spot, 3s. 6d. to 5s. per lb., according to quantity. Bombay seed, about 4s. 6d. per lb. Mangalore seed, about 4s. 3d. per lb. Aleppy greens, about 3s. 2d. per lb.

CASCARA SAGRADA.—Average amount of business at steady prices. Spot, 125s. upwards, according to holder and age of bark; shipment, about 100s. per cwt., c.i.f.

CASCARILLA.—Remains dull. Dealers' quotations are unchanged at 1s. 6d. per lb. for silvery quill and 1s. 4d. per lb. for siftings.

CHAMOMILES.—Imported flowers are practically unobtainable, but any odd supplies that may remain would be worth at least 5s. per lb.

CLOVES.—Market fully firm. Zanzibar, spot, 11½d. per lb., sellers. To arrive, sellers quote February–March shipment at 9½d. per lb., c.i.f., nominal. Madagascar, spot, 11d., sellers, in bond.

COCHINEAL.—Moderate business on spot; quotations unchanged. Spot, blacks, about 2s. 7d.; greys, about 2s. 6d. per lb.

COCOA BUTTER.—Foreign, nominal; prime English, no offers.

COCONUT (DESICCATED).—Maximum wholesale price, as fixed by the Ministry of Food, is now 49s. per cwt.

COLOCYNTH.—Occasional orders are being received. Spot, fine-quality pulp, approximately 2s. 2d. per lb.; ordinary grades, about 1s. 7d. to 1s. 8d. per lb.

DAMIANA LEAVES.—Dealers are quoting about 1s. per lb. for spot material. Supplies are fair.

DANDELION ROOT.—The value of English root is about 2s. per lb. Imported root is not quoted.

DEERIS ROOT.—Rather more demand this week. Dealers quote small supplies at about 1s. to 1s. 2d. per lb., according to test.

DIGITALIS LEAVES.—English-grown leaf is valued at about 4s. per lb. Imported material is unquoted.

ERGOT.—Business has been of small account, but values are steady. Spanish-Portuguese, spot, about 8s. 9d. per lb., ex store; slightly wormy, about 8s. per lb.; shipment, about 6s. 3d. to 6s. 6d. per lb., c.i.f.

GAMBOGE.—Routine spot business; prices remain steady at about £26 per cwt., ex store.

GINGER.—Firm. West African shows an advance on spot to 82s. 6d. per cwt., sellers. Jamaican, spot, small-medium, 90s. per cwt.; bold, in barrels, 120s. per cwt. Cochinchina, unwashed, spot, unchanged at 77s. 6d. per cwt., sellers.

GUM ACACIA.—Rather quiet; quotations unchanged. Kordofan cleaned sorts, spot, about 87s. 6d. per cwt., ex store London; bleached, from 135s. to 165s. per cwt., according to quality; shipment, cleaned, 47s. 6d. per cwt., c.i.f.

HENBANE.—English-grown leaf would be worth about 6s. 6d. per lb. No quotations are available for imported material.

HENNA.—Supplies are extremely scarce, and would be worth about 140s. to 150s. per cwt., if obtainable.

IPECACUANHA.—Market has remained quiet. Matto Grosso, spot, about 19s. to 20s. per lb., nominal, ex store; shipment, easier at about 14s. per lb., c.i.f. Minas, in good inquiry, spot, about 11s. per lb.; shipment, about 9s. 3d. per lb., c.i.f. EXT. IPECAC. LIQ., steady at the recent reduction to 26s. 6d. per lb., for minimum lots of twelve winchesters.

MENTHOL.—Continues firm and in good demand. Chinese, spot, about 21s. to 22s. per lb.; forward values vary between 19s. 6d. and 20s. per lb., c.i.f., according to shipper. A few cases of Japanese are stated to be available on spot at about 25s. per lb., ex store, duty paid. Some offers are reported from Japan at 25s. per lb., c.i.f.

MERCURY.—The London spot quotation of £48 per bottle of 34½ kilos, ex warehouse, without engagement and subject to confirmation, is unchanged. New controlled prices for mercury compounds, based on the present price of the metal, appear on p. 101.

NUTMEGS.—Quotations nominal. West Indian, spot, 80's, 1s. 2d. per lb.; 90's, 1s.; wormy and broken, 10½d.

ORANGE PEEL.—Thin-cut is quoted dearer on spot at about 4s. per lb., ex store. Bitter quarters are in short supply and would be valued at between 1s. 8d. and 2s. per lb., ex store.

PEPPERS.—Firm. Lampong, spot, 5½d. per lb., in bond, sellers; Tellicherry, spot, 6½d. Aleppy, spot, 6d. value. White Muntok, spot, in bond, 7½d., buyers; 8d., sellers; shipment, February–March, unquoted.

PIMENTO.—Quiet, but with values firmly maintained. Spot, 1s. 5½d. per lb., sellers; shipment, new-crop, February–March, 130s. per cwt., nominal, c.i.f.

PODOPHYLLUM ROOT.—Supplies of Indian root are reported available at about 55s. to 60s. per cwt.

QUASSIA CHIPS.—Dealers continue to quote about 30s. per cwt., ex store, for small supplies.

QUILLAIA BARK.—Spot supplies are offered by dealers at approximately 85s. per cwt., ex store.

RHUBARB.—Inquiry for rough-round continues good, but stocks are low; spot value would be about 6s. 3d. per lb. Several parcels afloat are offered at 5s. 6d. per lb., landed and duty paid. Shipment, unchanged at about 4s. 5d. to 4s. 8d. per lb., c.i.f. Small supplies of Shensi quoted at 7s. 9d. to 8s. 9d., spot.

RUBBER.—Small business passing. Standard ribbed smoked sheet, spot, 12½d.; March, 12½d.; April–June, 12½d.; July–September, 12½d.; October–December, 12½d.

SEEDS.—ANISE.—Spot, duty paid, nominal, 125s. CANARY.—Spot, the last price quoted was 100s. for single-bag lots. CARAWAY.—Spot, duty paid, Dutch, 240s. CORIANDER.—Spot, Morocco, quoted at 120s., duty paid, ex store Liverpool; Indian, 65s., c.i.f., seller's licence. CUMIN.—Spot, Malta, 145s., duty free; Morocco, 150s., duty paid. DILL.—Spot, Indian, 11 per cent., 65s., ex store Liverpool. FENNEL.—Spot, Indian, 57s. 6d., duty free; Iran, 55s., duty paid, ex store London or Liverpool. FENUGREEK.—Spot, duty paid, Morocco, 40s., ex store London or Liverpool. MUSTARD.—English, 75s. to 80s., according to quality.

SENEGA.—Firm on spot up to about 5s. 4½d. per lb. Shipment is dearer at about 4s. 10½d. per lb., c.i.f., with offers difficult to obtain.

SENNA.—Steady and unchanged. Tinnevely, spot supplies small. No. 1 leaves, 10d. per lb.; No. 2 leaves, 6½d.; No. 3 leaves, 5d. per lb. Hand-picked Tinnevely pods, if available, 1s. to 1s. 3d. per lb.; manufacturing pods, 6d. to 7d. per lb. Alexandrian hand-picked pods, a few small lots at 5s. 6d. to 7s. 6d. per lb.

* **SHELLAC.**—Steady at level values. Standard TN orange, 87s. 6d. per cwt.; to arrive, 70s. per cwt., c.i.f. Pure button, spot, 115s., and fine orange, 110s. to 170s. per cwt.

STRAMONIUM LEAVES.—Supplies of Indian material are reported available at about 110s. per cwt., spot.

TONKA BEANS.—Fair frosted Para beans are offered by dealers on spot at approximately 2s. 9d. per lb.

TRAGACANTH.—The finer grades of gum continue scarce. Prices for medium qualities are as follows: No. 1, white, £110; No. 2, white, £90; No. 3, white, £80; pale leaf, £50; amber leaf, £35; red leaf, from £15; woody and hoggy, from £8 per cwt., ex store.

TURMERIC.—Spot, Madras and Rajapore finger, quoted at 50s.

VALERIAN ROOT.—Supplies of Indian root are reported available at about 130s. to 140s. per cwt., spot.

WAXES.—BEES.—Demand has been quiet. Spot, 200s.; in bond, 190s.; shipment, Dar-es-Salaam, 182s. 6d. per cwt., c.i.f. Japanese, first three brands, spot, duty paid, 137s.; in bond, 127s.; shipment, 115s., c.i.f. CARNAUBA.—Fatty grey, dearer at 450s.; chalky grey, 435s.; Primeira, 520s.

Essential and Expressed Oils

GENERAL trade in these products continues quiet, with most orders for limited quantities.

ALMOND.—English expressed, quoted as follows: Spot, one-cwt. lots, 5s.; smaller quantities, up to 5s. 6d. per lb., ex store. Foreign bitter, if available, would be worth about 20s. per lb. on spot; English, about 35s. or more per lb.

ANISE (STAR).—Spot values for good-quality oil continue firm. Spot, tins in cases, about 7s. per lb.; drums, about 6s. 9d. per lb., ex store; shipment, tins in cases, 5s.; drums, 4s. 6d. per lb., c.i.f.

BAY.—Spot orders are mainly for small quantities; value unchanged. Price about 6s. to 6s. 6d. per lb., ex store.

BOIS DE ROSE.—Only occasional small inquiry; value steady. Spot, approximately 14s. per lb.; shipment, about 9s. 3d. per lb., c.i.f., in drums.

CAJUPUT.—Firm, with spot values at approximately 5s. 6d. to 6s. per lb., according to quantity.

CANANGA.—Dealers are quoting spot oil at about 19s. per lb.

CASSIA.—Firm as quoted; business fair. Spot, 9s. upwards per lb.; shipment, if obtainable, approximately 7s. per lb., c.i.f.

CEDARWOOD.—American, spot, 2s. to 2s. 2d. per lb., according to quantity.

CINNAMON BARK.—The spot price of English oil would be about 20s. or more per lb.

CINNAMON LEAF.—Steady and in fair demand. Spot, about 4s. 6d. to 5s. per lb.

CITRONELLA.—Little interest has been shown, and values are unchanged. Ceylon, spot, quoted at about 2s. 6d. per lb. in drums; small lots, up to 3s. per lb.; shipment, firm at about 2s. per lb., c.i.f. Java, spot, about 2s. 6d. to 3s. per lb.; shipment, about 1s. 9d. per lb., c.i.f.

CLOVE.—A small spot trade, with quotations unchanged. Imported, spot, in drums, about 6s. 6d. to 6s. 9d. upwards per lb., if available. English, quoted unchanged at about 7s. 5d. to 7s. 11d. per lb., according to quantity.

EUCALYPTUS.—Continues quiet, with values steady. Spot, from 4s. to 4s. 6d. per lb. for 70 to 75 per cent. oil, according to holder, and from 4s. 6d. to 4s. 9d. for 80 to 85 per cent.; shipment, nominal.

GERANIUM.—Both Bourbon and Algerian oils are firm on spot at about 55s. to 60s. per lb.

GRAPEFRUIT.—Genuine Californian continues to be quoted at between 14s. 6d. and 15s. per lb. Genuine Florida would be worth about 11s. 6d. per lb.

LAVENDER.—About 55s. to 60s. per lb. would represent the present spot value of good-quality 38-40 per cent.

LEMON.—Californian distilled continues to be quoted at about 10s. per lb., nominal; cold-pressed might be obtained on the basis of 3 dollars 25 cents per lb., cost and freight. The position of Sicilian hand-pressed is unaltered; values are purely nominal and would have to be negotiated. British makers offer artificial substitutes at attractive prices.

LEMONGRASS.—Spot remains firm and unchanged at about 5s. to 5s. 6d. per lb.; shipment, about 4s. 3d. per lb., c.i.f.

NEROLI.—Approximately 80s. per oz. would be wanted for any supplies of pure natural oil. British makers are offering artificial substitutes at attractive prices.

NUTMEG.—Spot value of this oil would be approximately 18s. to 20s. per lb. Supplies are limited.

ORANGE.—No change in the spot value of French Guinea which continues to be quoted at about 12s. 6d. per lb. Californian is quoted in sterling at 5s. per lb., in small drums, ex store, duty paid, limited supplies only being available. Shipment can be effected by transit overland to New York at five cents per lb. extra.

PALMAROSA.—Spot quotations continue nominal at about 15s. 6d. per lb., ex store; shipment, new-crop, about 12s. 6d. per lb., c.i.f.

PEPPERMINT.—The good demand for Chinese oil noted last week continues, and spot quotations remain at about 11s. to 11s. 6d. per lb. Shipment, about 7s. to 7s. 3d. per lb., buyer's licence and freight; 8s. 9d. to 9s. per lb., seller's licence. American natural oil is firm on spot at between 18s. and 20s. per lb. ex store; shipment, drums, about 15s. 3d., and tins in cases, about 15s. 6d. per lb., c.i.f.

PINE.—Siberian, spot, approximately 10s. per lb.; Pumilio, about 20s. per lb.

ROSE.—Bulgarian on spot would be worth approximately 110s. per oz.

ROSEMARY.—Dealers quote prices of about 6s. 6d. to 7s. per lb.

SASSAFRAS.—Business is restricted to limited quantities. Spot, about 10s. to 12s. per lb., for genuine oil.

SPIKE.—Good-grade Spanish is now worth about 12s. 6d. to 13s. per lb. on spot.

THYME.—Spot values continue unchanged at between 10s. and 12s. per lb.

VETIVERT.—Remains quiet, but values are steady. Spot, Bourbon, about 50s. per lb.; Java, about 40s. per lb., ex store.

INDIAN SENNA CROP

THE "Indian Trade Journal" (October 24, 1940), in a report for 1939-1940 on the senna crop in the Madras Province, states that the Tinnevely crop has been almost two months late, owing to delayed rains. Qualities proved normal, but the yield was slightly below average. There had been a good demand from the United States for Tinnevely leaves and pods, and exports to that country showed an increase over the previous year. The increase did not compensate, however, for the loss in exports to the continent of Europe, which normally took about half the crop: prices consequently sagged, and while average-quality Tinnevely was fetching about rupees 50 at the beginning of the season, prices at the time of the report had reached about rs. 25 per candy of 500 lb.—a low level hardly ever before seen for Tinnevely leaves.

Satur senna had likewise been delayed owing to late rains. Qualities were about normal, but a proportion of the crop was left in the fields unpicked, as prices were so low that it was hardly worth while to pick the leaves and bring them to the markets. The price, which at the opening of the season was about rs. 25 per candy of 500 lb., gradually declined to about rs. 15, mainly because the continent of Europe had become closed to business.

Arrivals of senna pods were fairly regular, but prices fell gradually from about rs. 70 to the present price of rs. 30 per candy, the main demand coming from the United Kingdom. Exports in cwt. for the periods March 1 to August 31, 1940 and 1939, are estimated to be as follows:—

Importing country	1940	1939
U.K. and Continent of Europe ..	9,479	20,624
America	10,920	8,827
China	1,026	1,290
Japan	1,060	300
Australia	285	228
India	4,671	3,013
Total	27,441	34,282

TRADE-MARK APPLICATIONS

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary and Year-Book," 1940, p. 275.

(From "The Trade Marks Journal," January 15, 1941)

"ALEXSUN"; for scientific and agricultural chemicals, etc., and chemical preservatives (1) (IV). By Alexsun, Ltd., 136 Wood Lane, Isleworth, Middlesex. 612,407 (Associated).

"AERODAK"; for photographic chemicals (1) (IV). By Kodak, Ltd., Kingsway, London, W.C.2. 613,230 (Associated).

"RAYDEFIX"; for photographic chemicals, plates, and sensitised films and paper (1) (IV). By Johnson & Sons, Manufacturing Chemists, Ltd., 335 Hendon Way, London, N.W.4. 613,273.

"STABRIL"; for hair cream containing brilliantine (3) (IV). By Thornton & Ross, Ltd., The Chemical Works, off Manchester Road, Linthwaite, nr. Huddersfield. 612,202.

"SILKTONA" (device showing silk stockings, and exclusive use of word "Silktona" disclaimed); for cosmetics (3) (IV). By N. V. Lundie, 20 Berry Street, Liverpool, 1. 612,500.

"MONASTERY"; for herbs prepared as laxatives (5) (IV). By Monkseaton Herbalists, Ltd., 52 Peru Street, Salford, Manchester. 609,339 (Associated).

"CALOBOR"; for pharmaceutical, veterinary and sanitary preparations (5) (IV). By Genatosan, Ltd., 43 Regent Street, Loughborough. 613,043.

"SPITFIRE"; for razors and razor blades (8) (IV). By A. & H. Bassat (London), Ltd., 52/54 Rosebery Avenue, London, E.C.1. 613,281.

CONVERSION OF SPECIFICATIONS
Section 36 (3) and Rules 6 to 8

To Schedule IV (with amalgamation): Nos. 224,457 and 352,785, by C. Thomas & Bros., Ltd.

(From "The Trade Marks Journal," January 29, 1941)

"ARCHIBALD"; for industrial chemicals (1) (IV). By J. Archibald & Co., Ltd., 66/68 Wandsworth Road, London, S.W.8. 612,855 (Associated).

"BENOXOL"; for a chemical product for use in manufacture of flour; and "BARISOL"; for industrial chemicals (1) (IV). By B. Laporte, Ltd., Kingsway, Luton, Beds. 613,140, 613,418 (both Associated).

"NITROFLIX"; for nitrogenous industrial chemicals, excluding fertilisers (1) (IV). By Nitrogen Fertilisers, Ltd., 5 Gippeswyk Avenue, Ipswich. 613,447 (Associated).

"ALKATHENE"; for all goods (4) (9) (21) (IV). By Imperial Chemical Industries, Ltd., Millbank, London, S.W.1. 613,164/5/6 (All Associated).

"NODO"; for surgical bandages, sanitary towels, medicated socks, etc. (5) (IV). By Young & Snowdon, Ltd., 10 Parson's Green, London, S.W.6. 613,048.

"METROLIN" and "RESTOLIN"; for liniments (5) (IV). By Norman Wood, 351 Manchester Road, Droylsden, Manchester. 613,577/8.

APPLICATIONS AMENDED AFTER ADVERTISEMENT

The specification No. 613,095, by Macneal & Co., Ltd., has been amended to "A fire extinguishing preparation in powder form, not for use in fire extinguishing apparatus."

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

The Late Mr. Grier

SIR,—The passing of Mr. James Grier, M.Sc., Ph.C. (*C. & D.*, February 8, p. 79), removes from among us a brilliant scientist long in the front rank of academic pharmacy. Those of your readers who have a copy of your issue of January 5, 1935, may with profit turn to the striking article he contributed under the title "The Making of 'The Compleat Pharmacist'." It included among other topics a masterly survey of British pharmacy from *circa* 1850 to the present day. In it he remarked that there was too much of the recluse in his composition for him to be a social success; in recent years, however, it was possible to get to know him at meetings of the British Pharmaceutical Conference and to appreciate his sterling qualities. His work in the University of Manchester will not soon be forgotten.—I am, etc.,

SEMPER STUDENS (10/2)

British Pharmaceutical Conference

SIR,—The Executive of the British Pharmaceutical Conference is making every endeavour to maintain the continuity of the Conference meetings during war-time. It is proposed that the Conference should be held this year on a modified scale and arrangements are being made for a meeting in London on Wednesday, April 16, 1941, the day following the celebration of the Society's centenary. It is hoped that the programme will include a meeting of the Science Session for the reading and discussion of papers. The honorary secretaries will be glad to hear from research workers in pharmacy and subjects allied to pharmacy who may be able to communicate papers to that meeting. Papers from pharmacists and others on subjects of practical pharmaceutical interest will be welcomed and the committee will also be glad to consider suitable papers dealing with historical aspects of pharmacy. Authors are requested to inform the secretaries as soon as possible of the titles of the papers which they intend to submit.—Yours faithfully,

C. E. CORFIELD, G. R. BOYES,
Honorary General Secretaries.

London, W.C.1.

Points from Letters

Indian Pharmaceutical Organisation

We should indeed be very pleased to accept your kind offer to place your editorial columns at the disposal of this Association, and to act as the representative trade journal in the United Kingdom on our behalf. This offer is very much appreciated.—*The Hon. Secretary, The Pharmaceutical and Allied Manufacturers' and Distributors' Association, Bombay.*

Price Cutters' Supplies

When there have been chemists' meetings to discuss price cutting in the past, it has been stated, in answer to complaints, that some chemists have themselves supplied cut-price traders from bonus parcels, in order to pocket the extra discount. This cannot happen now as chemists do not receive sufficient stock for their own sales, yet price cutters and traders in street markets still have supplies! Aerial warfare may present opportunities for acquiring goods through unusual channels, but it is hard to believe that they are all stolen. Are these people getting some of the quota which should go to the chemist?—*Integer* (3/2).

Sealed Packages

In a report from Canada on a move towards uniform drug legislation (*C. & D.*, February 1, p. 60) is a list of four suggested schedules. The fourth item relates to drugs that, if sold by others than pharmacists, must be in sealed packages. This is precisely the same proposal as the one included in the suggested amendment to Sections 8, 9 and 10 of the Pharmacy and Poisons Act, 1933, to enable co-operative societies and others with subsidiary pharmacies to sell drugs in unregistered premises. It would seem that legislators are thinking along these lines, but chemists must not forget that the proviso does not prevent independent drug stores or other unqualified traders from selling drugs loose, and I have known a market stall where one could buy liquid paraffin, ammoniated quinine and similar drugs in small quantities. Surely this should be regulated before proprietor pharmacists are placed at a disadvantage to multiple concerns.—*Skillet* (4/2).

MISCELLANEOUS INQUIRIES

We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them

Stage Steam.—*W. H.* (3/2).—A method that has been used on the professional stage is to place solid carbon dioxide in the cauldron and to pour on boiling water just before the curtain goes up. The "steam" is, of course, entirely harmless.

Purchase Tax and K.I.D.—*S. B. & Co.* (21/1).—We are informed that purchase tax is payable at the appropriate rate on chargeable goods which are liable to key industry duty. The amount of purchase tax payable is based on the full imported cost of the goods, i.e. cost *plus* K.I.D.

Wine from Beet Liquor.—*S. G.* (24/1).—You might try the following procedure, based on a recipe for parsnip wine. Add 1 oz. of best hops to the liquor from 16 lb. beetroot and boil for ten minutes. Strain, add 12 lb. Demerara sugar, or less as found practicable, and let the liquid become lukewarm. Then add 4 tablespoonfuls of fresh yeast, previously spread on slices of toasted bread, and allow to ferment for thirty-six hours. Then transfer to a cask just large enough to take the amount of liquid, leave till fermentation has ceased, bottle and cork securely.

Resin Depilatory.—*B. S.* (3/2).—The following are formulas for a depilatory containing resin:—

	A	B
Resin	52.0	42.0
Yellow beeswax .. .	25.0	37.0
Carnauba wax .. .	—	6.0
Hard paraffin .. .	17.0	—
Soft paraffin .. .	5.0	—
Liquid paraffin .. .	—	14.0
Perfume	1.0	1.0

Denture Pastes and Powders.—*D. L.* (4/2).—Denture cleaning pastes and powders are chargeable with purchase tax at the rate of 33½ per cent. (Class 18), and they are controlled by the Limitation of Supplies Order (Class 16). Denture fixative pastes and powders are not chargeable with purchase tax and are not controlled under the Limitation of Supplies Order.

Sterilisation of Injections.—*R. D. & S.* (29/1).—Solutions for injection containing the following substances (a) calcium thiosulphate, (b) theophyllin ethylene diamine, (c) histidine monochloride, can only be effectively sterilised by filtration through porcelain filters. Injection solutions of (d) pentamethylene tetrazol and (e) sodium dehydrocholate can be sterilised by heat. In this case, after being filled and sealed, the ampoules are placed in an autoclave at 115°–116° (or at 100° C. at 10 lb. in excess of atmospheric pressure) for thirty minutes. If the ampoules are sold as pharmaceutical preparations, sterility tests are obligatory by law.

Hiccough Remedy.—*A. S.* (4/2).—Two drachms of the following mixture, with a little water, is a recommended remedy for hiccough:—

Menthol	gr. viij.
Sp. ammon. aromat.,	
Sp. chlorof.,	
Tinct. zingib. .. .	aa ʒj.

A few drops of oil of cloves or cajuput on sugar is also sometimes effective. Where gastric irrigation is the cause, the stomach should be lavaged and an alkaline powder given. In persistent cases oral or even intravenous sedatives should be given. In severe cases, where the patient becomes hysterical, anaesthetisation or inhalation of 5 per cent. carbon dioxide may be necessary.

Effective Germinating Life of Seeds.—*W. L. O.* (27/1).—It by no means follows that the seeds are unfit for use this season. Some varieties preserve their germinating power for several years, if suitably kept, and the figures given below give an indication of the probable life of many common kinds. Where doubt exists, it is advisable to put the germinating properties to the test, and a suitable procedure is to sprinkle some of the seed on damp blotting paper, cover with more blotting paper, and keep in a warm place. Whether a satisfactory proportion will germinate will be evident within a few days. The "lives" of the various seeds as given in "The Vegetable Garden" (W. E. Shewell-Cooper) are: *Ten years*: endive; *six years*: beet, cucumber, vegetable marrow; *five years*: cabbage family, lettuce, radish, spinach, turnip; *four years*: carrot, tomato; *three years*: asparagus, bean, leek, pea; *two years*: onion, parsnip, salsify; *one year*: sea kale.

HOWARDS' ASPIRIN TABLETS

THE PHARMACISTS'
MOST PROFITABLE
ASPIRIN (P.A.T.A.)

NOTE. *The display bonus
terms are still available*

HOWARDS OF ILFORD

TO SOLVE YOUR PRESERVATIVE PROBLEM

NIPA — GIN — SOL — BENZYL — COMBIN

(REGD. TRADE MARK)

... the verified antiputrefactive, antifermentative agents and highly active antiseptics

NIPA 49 ... the powerful and harmless antioxidant**NIPA ESTERS** are neutral, odourless and non-irritatingFree Advice will be given willingly on any problem concerning
Antiseptics, Preservation or Antioxidaion on application
either to:—NIPA LABORATORIES LTD., TREFOREST TRADING ESTATE, Near CARDIFF
or their Sole Distributors for the U.K. and British Possessions**P. SAMUELSON & Co** 17 Creechurch Lane, London, E.C.3. Telephone: Avenue 5874-5

Midland Pharmacists

We do not handle Proprietaries or
Sundries, but whilst the bulk of our
output inGALENICALS • OINTMENTS
EMULSIONS, ETC. • OLIVE OIL
MEDICINAL PARAFFINis promised to Public Health Depart-
ments and Hospitals in the Midlands
—we can supply Fine Chemicals and
Drugs in reasonable quantities.**BLACKWELL, HAYES & Co., Ltd.**
ESTABLISHED 1875

Manufacturing Chemists

54-58 MOOR STREET, BIRMINGHAM, 4
Phone: CEN 1267

May we quote you for—

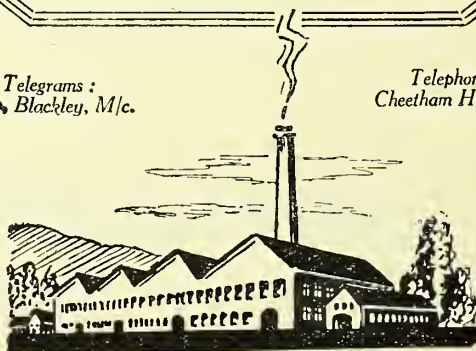
GLAUBER SALTS B.P.

Pea Crystal and Feathery

EPSOM SALTS B.P.

Needle Crystals, Medium, Exsiccated

All grades conform to the 1932 B.P. Standard

Special Crystals matched and any degree of exsiccation
to order. Packed for Home and Export.**HARRIS, HART & Co. Ltd.**MOSS HOUSE CHEMICAL WORKS, BLACKLEY,
MANCHESTER 9.Telegrams:
Hart, Blackley, M/c.Telephone:
Cheetham Hill 2853



From Mysore to My Lady's Dressing Table

The exquisite creation of a famous parfumeur . . . the delicate fragrance of a costly soap. Trace their perfection to an Indian hill-slope. To a small evergreen tree in Mysore—the Mysore sandalwood whose oil is the heart of perfect perfume. Nowadays Mysore sandalwood oil is produced under Government supervision by the methods of modern science. Mysore sandalwood oil contains a guaranteed minimum of 90 per cent pure Santalol.



Mysore

SANDALWOOD OIL

Sole Agents for U.S.A.:
Messrs. W. J. Bush & Co., Inc., 11 East
38th Street, New York.

Sole Agents for Canada:
Messrs. W. J. Bush & Co. (Canada), Ltd.,
432 St. Helen Street, Montreal.

Sole Agents for South & Central America:
Messrs. W. J. Bush & Co., Ltd. (London).

THE TRADE COMMISSIONER FOR MYSORE IN LONDON

Grand Buildings, Trafalgar Square, London, W.C.2. Tel. WHitehall 8888

"Eagle" Brand Chemicals

B.P.
PRECIPITATED
SULPHUR

PHOTOGRAPHIC
HYPO
AND
SULPHITE
— CRYSTALS & ANHYDROUS —

EPSOM SALTS
GLAUBER SALTS
ARSENATE OF LEAD

Enquiries Invited

JOHN RILEY & SONS, LTD.

Chemical Manufacturers

HAPTON near BURNLEY

Telegrams: "Rileys Hapton"

Telephone: Padiham 290/1

GUMS SHELLACS

and

WAXES

Acacia
Tragacanth
Karaya
Benzoin
Copal
Mastic
Damar

Japan Wax, White
Bees Wax, Candelilla
Wax, Carnauba Wax

Official Agents:

ANGELO BROS. LTD
SHELLACS

In natural
and powder
form

A.F. SUTER & CO. LTD

133 FENCHURCH ST., LONDON, E.C.3

Phones, Mansion House 0347 (2 lines). Grams, Suterresin, Fen, London

PRECIPITATED CHALK

In both Experiment and Production

STURGE STANDARDS

give uniform result

Conforming to B.P. and U.S.P. Standards of Chemical Purity, Sturge chalk is graded for chemical and physical properties to meet every requirement of Pharmacy and Industry. The reliable physical uniformity of each grade is an exclusive feature which is highly valued in both laboratory and factory.

Samples and any further information desired will be sent on request.

JOHN & E. STURGE, LTD., 1 WHEELLEYS ROAD, BIRMINGHAM, 15

MANUFACTURERS OF FINE CHEMICALS SINCE 1823

We Ship

ACONITE, ALESTONIA BARK, BELLADONNA LEAVES, BELLADONNA ROOT, BERBERIS, ASA-FOETIDA, BRYONIA, CALUMBA ROOT, CHIRETTA (Indian Variety, B.P.), COLCHICUM CORMS, DANDELION, DATURA METEL LEAVES, DATURA STRAMONIUM LEAVES, EPHEDRA VULGARIS, GLYCYRRHIZAE, HYOSCAMUS NIGER LEAVES, JUNIPER BERRIES, PODOPHYLLUM, RHUBARB RADIX, INDIAN SQUILLS, VALERIAN ROOT, RED PEPPER FRUIT, ETC., of guaranteed standard quality

ENQUIRIES INVITED

MEHTA BROTHERS

LAWRENCE ROAD - AMRITSAR - INDIA

WANTED TO BUY

SACCHARIN 550 STRENGTH

AND

SACCHARIN SOLUBLE POWDER

ANY QUANTITIES

Highest prices paid

State quantities available

CDB/340, London Office of this Paper

Tablets and Pills *Packed or Bulk*

ASPIRIN

CASCARA

and all

TABLETS and PILLS

Latest Automatic Pill Plant producing over 300,000 3-grain pills a day.

Private formulae Pills and Tablets carefully and accurately prepared at lowest possible prices.

Enquiries from Packers, Shippers & Trade

CASTLE HUSKISSON Ltd.

MANUFACTURING CHEMISTS

Swinton Works, Moon St., Islington, London, N.1

Telephone : Canonbury 3466

ESTABLISHED 1768

TELEGRAMS

'ACIDOLAN, BILGATE,
LONDON'

TELEPHONE

MANSION House 6005
(FOUR LINES)

CHAS. ZIMMERMANN & CO. LTD.

NEW ARRIVALS

Essential Oils of Pennyroyal and Cade

We Welcome Your Enquiries

WHOLESALE & EXPORT ONLY

9 & 10 ST. MARY-AT-HILL
LONDON, E.C.3

FERBER

for BULK OR PACKED CAPSULES!

★ AND Let us quote for YOUR OWN SPECIAL FORMULAE

Apiol
Apiol and Ergotine
Blauds
Blenosan
Carbon Tetrachloride
Cascara
Castor Oil
Cinnamon and
Quinine

Cod Liver Oil
Copaiba
Creosote
Croton Oil
Ergot
Easton's Syrup
Gregory Powder
Guaiacol
Halibut Liver Oil

Haemoglobin
Ichthyol
Male Fern
Olive Oil
Quinine
Santal Oil
Sulphonamide
Wheat Germ Oil
etc., etc.



Manufacturers:

ROBERT FERBER, LIMITED

CARLTON WORKS, ASYLUM ROAD, S.E. 15

In **South Africa**
and **Rhodesia**

The Leading Chemists are
LENNONS

They have been established in all centres of any importance for many years and offer modern facilities for manufacturing as well as for Wholesale and Retail Distribution throughout the territory.

★ If you are seeking reputable representatives or desire information about the market write to:

LENNON LIMITED
12-14 LAFONE STREET
LONDON, S.E.1
TELEPHONE · HOP. 0181

SPECIALISTS

for over 40 years
In the Manufacture of:—

TABLETS & PILLS

PREVENT
HEAT FAG
SALT TABLETS FOR HEAVY PROCESS WORKERS

● Packed under your own Brand if desired

● EXPORT ENQUIRIES INVITED

MATTHEWS & WILSON
LIMITED

ESTABLISHED 1894

6 and 8 Cole Street, London, S.E.1

'Phone: HOP 2147-8

'Grams: Pilleolum, Sedist, London

NOTICE

Bengué & Co. Ltd. desire to inform their many friends in the trade that they now *manufacture* a considerable number of the lines which they previously imported from France and that in consequence

SUPPLIES ARE UNLIMITED

Complete Price Lists on application to

BENGUE & CO. LTD.

Manufacturing Chemists

Mount Pleasant, Alperton, Wembley

Tel. WEMBLEY 1638



*"a bird in the hand
is worth two in the
bush"*

FROM "DON QUIXOTE," MIGUEL DE CERVANTES, 1547-1616

PLACE YOUR MAXIMUM ORDER NOW

Remember that "SevenSeaS" is a rich protective food of national importance and is being heavily advertised.

"SevenSeaS" will keep almost indefinitely in any cool, dark cupboard, and, provided it is so stored, will not deteriorate or lose its vitamin values.

ISSUED BY BRITISH COD LIVER OIL PRODUCERS
(HULL LTD. ST. ANDREW'S DOCK, HULL)

PILLS TABLETS CAPSULES

The
British
Made
Products
of

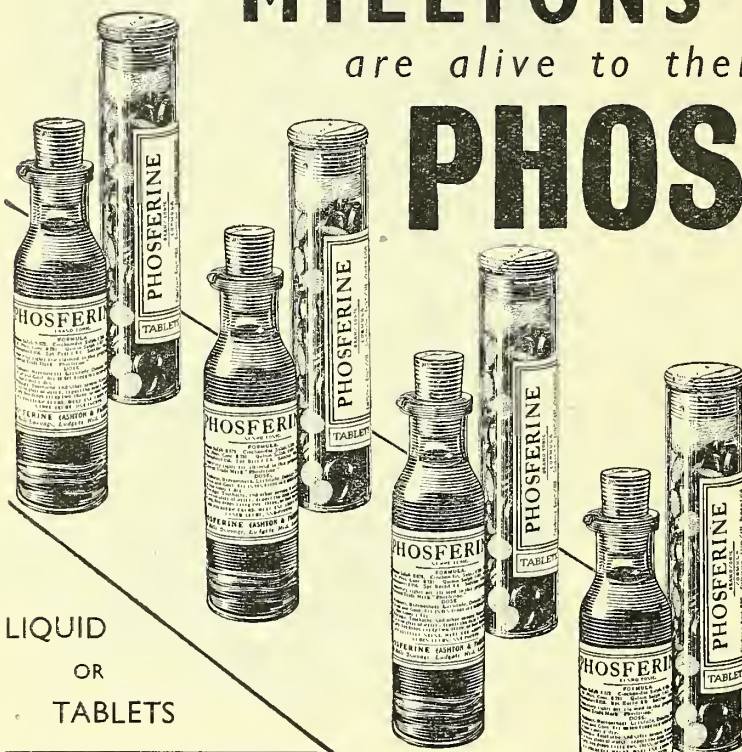
HOWARD LLOYD & CO. LTD.
LEICESTER

MILLIONS TO-DAY

are alive to their need for

PHOSFERINE

Brand

LIQUID
OR
TABLETS

Phosferine is everyone's tonic. The incalculable benefits to be derived from it are known all over the world. More men and women are aware of its wonderful qualities than ever before, and more than ever they are telling their friends. **A great many of your customers are carrying on . . . with Phosferine.** In these days stocks of Phosferine are apt to be exhausted very quickly—so order well ahead.

PHOSFERINE (Ashton & Parsons), LTD.
PHOSFERINE LABORATORIES
KING GEORGE'S AV., WATFORD, HERTS.

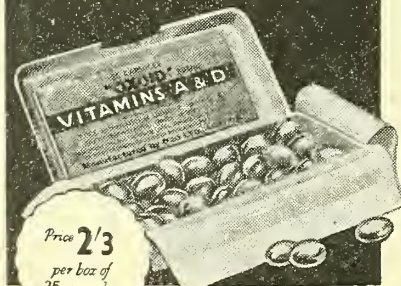
PRODUCT OF THE OXO LABORATORIES

"OXOID" BRAND

VITAMINS 'A' & 'D'

Each Capsule contains 7,000 I.U. of 'A' and 900 I.U. of 'D'

FOR RAPID ADAPTATION OF VISION IN
SEMI - DARKNESS. (Lancet, 1939, II. 1355.)

TO COMBAT THE
BLACK-OUT..

Price 2/3
per box of
25 capsules

Sold by Chemists

OXO LIMITED, Thames House, London, E.C.4

PRODUCT OF THE OXO LABORATORIES

PRESCRIPTION



FOR

PROFIT

War conditions have already brought many thousands of new customers who take this reliable remedy for Headache, Nerviness and Colds. It is a ready selling line showing a quick profit and requiring no selling effort on your part.

Cephos REGD
See-foss THE PHYSICIANS' REMEDY
Pronounced

Cephos
Limited
Blackburn

The Undisputed Sales Leader in the Asthma Tablet Field!



An irresistible combination—the highest medicinal quality and quantity coupled with the lowest possible price—has firmly established Dō-Dō Asthma Tablets in the premier sales position. ¶ Any comparison of formulae you may care to make will convince you that in Dō-Dō you have the Asthma Tablet which merits your professional commendation. ¶ No small measure of Dō-Dō's striking success is due to the fact that from the outset it has enjoyed the confidence and support of pharmacists and chemists. ¶ Sustained National Advertising is being done, and there is no advance in the pre-war prices of 1s. (7 tablets), 3s. (30 tablets), and 10s. 6d. (120 tablets).

With Purchase Tax the Prices are 1s. 1½d., 3s. 4½d., and 11s. 10d. respectively.



INTERNATIONAL LABORATORIES LTD.
Wychwood House, CHARLBURY, Oxon

Telephone: Charlbury 29

Compound Syrup of
"FELLOWS" TRADE MARK
Hypophosphites

In cases of anaemia there is no tonic to compare with Compound Syrup of Hypophosphites "FELLOWS."

For over 60 years this preparation has enjoyed the confidence of the Medical Profession.

Take advantage of our experience and of the great care devoted to the manufacture of the syrup for which we are rightly famous.

Your prestige will be enhanced by the sale and recommendation of "FELLOWS."

FELLOWS MEDICAL MFG. CO., LTD.
286 ST. PAUL STREET WEST, MONTREAL, CANADA.

MEDICO-BIOLOGICAL LABORATORIES, LTD.**DIRECTORS:**

A. F. HARRIS, Managing
B. VARVILL, M.C.,
M.R.C.S., L.R.C.P.
J. L. REGAMEY

CHEMIST:

R. K. CORFIELD, M.P.S.

CARGREEN ROAD
SOUTH NORWOOD
LONDON, S.E.25

TELEPHONE: LIVINGSTONE 3628

TELEGRAMS:

BIOMEDIC-SOUTHNOR-LONDON

TELEGRAPHIC CODES:

BENTLEY'S SECOND PHRASE
A.B.C. FIFTH EDITION

15th February, 1941

BRITISH EMPIRE AGENTS**AUSTRALIA**

Sera, (Pty) Ltd.,
119, Phillip Street,
Sydney, N.S.W.

BARBADOS**BRITISH GUIANA & TRINIDAD**

J. James Taitt,
5, Sackville Street,
Port of Spain, Trinidad.

BRITISH MALAYA

Scientific Instrument Co., Ltd.,
2, Finlayson Green,
Singapore, S.S.

BRITISH WEST AFRICA

W. E. Arthur,
P.O. Box 39,
Saltpond.

CYPRUS

Antonlades & Co.,
P.O. Box 82,
Larnaca.

DOMINICA

Dominica Dispensary Co.,
P.O. Box 25,
Roseau.

GIBRALTAR

Rock & Son,
163 Main Street,
Gibraltar.

INDIA

Smith, Stanistreet & Co., Ltd.,
Stanistreet House,
18, Convent Road,
Entally, Calcutta.

JAMAICA

R. A. McKenzie & Co.,
99, Harbour Street,
Kingston.

MALTA

Alfred Gera & Son,
13, Strada Stretta,
Valletta.

NEW ZEALAND

Sera, (Pty) Ltd.,
W. & R. Smallbone,
Auckland, Christchurch,
Dunedin & Wellington.

SOUTH AFRICA

Westdene Products (Pty) Ltd.,
P.O. Box 273,
Bloemfontein.

SOLE AGENTS IN EIRE

Wilcox, Jozeau & Co.,
(Foreign Chemists) Ltd.,
19, Temple Bar,
Dublin.

SOLE AGENTS IN IRAQ

A. D. Fetto,
335-I Al-Rashid Street
Baghdad.

STOCKISTS IN CANADA

National Canadian Drugs Ltd.,
29, Mill Street,
Saint John, N.B.

Dear Sirs,

On the 31st December, 1940, the distribution arrangements between our Company and Continental Laboratories, Ltd., Brunel Road, East Acton, London, W.3 terminated. Although our various preparations will always be promptly obtainable from your usual pharmaceutical wholesalers (or, in case of difficulty or urgency, from ourselves), Continental Laboratories, Ltd., will no longer be our stockists.

The undermentioned prices are those current for 1941, and we have every hope and intention of maintaining them at that level.

All orders are executed on the day they are received, there are ample stocks—widely dispersed to obviate extensive loss by bombing—and last but not least, all our preparations are 100% British.

With compliments, we are,

Yours very truly,

MEDICO-BIOLOGICAL LABORATORIES, Ltd.

ANTIPEOL

OINTMENT	4 oz. Tube	6/8½
	40 gr. „	3/4½
	20 gr. „	1/10½
LIQUID	40 c.c. Bottle	3/4½

OPHTHALMO-ANTIPEOL

20 gr. Nozzled Tube	3/4½
8 gr. „ „	1/7

RHINO-ANTIPEOL

20 gr. Nozzled Tube	2/9½
8 gr. „ „	1/7

ENTEROFAGOS (Oral and Injectable)

Box of 50 ampoules	21/2½
„ „ 10 „	4/9
„ „ 5 „	2/9½

DETENSYL

Tin of 500 Tablets	40/-
Tube of 50 „	4/6

ST. JAMES' BALM

Tin of approx. 2½ oz.	2/10
„ „ „ 1 oz.	1/5
Tubes	1/2

Retail Price	Chemists' Price			
	Per unit		Per dozen	
(Inclusive of Tax)	Net	Purchase Tax	Net	Purchase Tax
6/8½	4/2½	+ 8½	50/5	+ 8/5
3/4½	2/1½	+ 4½	25/3	+ 4/3
1/10½	1/2	+ 2½	14/-	+ 2/4
3/4½	2/1½	+ 4½	25/3	+ 4/3
3/4½	2/1½	+ 4½	25/3	+ 4/3
1/7	1/-	+ 2	11/11	+ 2/-
2/9½	1/9	+ 3½	21/-	+ 3/6
1/7	1/-	+ 2	11/11	+ 2/-
21/2½	13/3½	+ 2/½	159/7	+ 26/7
4/9	3/-	+ 6	35/8	+ 6/-
2/9½	1/9	+ 3½	21/-	+ 3/6
40/-	28/-	None	336/-	None
4/6	3/2	None	37/9	None
2/10	1/11	+ 4	22/6	+ 3/9
1/5	11	+ 2	11/3	+ 1/11
1/2	9	+ 2	9/-	+ 1/6

Carriage Paid on all orders of 1 dozen or £1 and over

TERMS: NETT MONTHLY ACCOUNT

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

FEB. 15
1941

IMPORTANT TO SUPPLEMENT ADVERTISERS

Instructions for supplement advertising are now accepted in London and at Bath. London press times have been advanced to first post WEDNESDAY morning of week of issue but instructions will still be accepted up to first post THURSDAY morning if sent to Bath.

THIS IS THE TARIFF

AGENCIES, GOODS FOR SALE, PARTNERSHIPS, PATENTS, PREMISES TO LET, FOR SALE or WANTED

7/6 for 36 words or less,
2d. for every additional word.

LEGAL NOTICES, SALE BY AUCTION, TENDERS—AND ALL SPECIALLY SPACED ANNOUNCEMENTS

1/9 per nonpareil line.
(12 lines=1 inch, single column.)

**BUSINESSES for DISPOSAL
BUSINESSES WANTED
SITUATIONS OPEN**

7/6 for 40 words or less,
2d. for every additional word.

MISCELLANEOUS SECTION
(for Wholesalers, etc.),
for odd and second-hand lots.

12/6 for 60 words or less, 1/- for every additional 10 words or less.

SITUATIONS WANTED { 2/6 for 18 words or less, 1d. for every additional word.

BOX OFFICE NUMBER 1/- EXTRA

EXCHANGE COLUMN { 2d. per word (for Retailers, etc.) minimum 3/-

Advertisements received after these times will not be inserted until the following week. All advertisements should be prepaid and to avoid disappointment send your instructions as early in the week as possible to

THE CHEMIST AND DRUGGIST, THE PITMAN PRESS, BATH
or to London Office at 28 Essex Street, Strand, London, W.C.2.

PURCHASE TAX

transactions are considerably simplified if you use the **C. & D.**

PURCHASE TAX READY RECKONER

It gives at a glance the amount of purchase tax to be added to retail sales price of goods

- (a) bought and sold by weight and,
- (b) bought and sold in numbers.

This time-saving book gives the necessary figures and eliminates possibility of errors.

In handy form for counter use.

1 copy . . .	7d. post free
3 copies . . .	1/8- " "
6 " . . .	3/- " "
12 " . . .	5/6 " "

Special quotations for larger quantities.

Remittance should accompany orders to

THE CHEMIST & DRUGGIST
The Pitman Press, BATH

EXPORT

EXPORT SALES ADMINISTRATION

Gentleman, with excellent credentials, and recently Export Manager largest British combine manufacturing TOOTHPASTE, PROPRIETARY MEDICINES, PHARMACEUTICAL and TOILET PREPARATIONS, desires similar appointment.

Advertiser possesses unique export experience, having operated as Agent and Importer overseas; as Overseas Representative travelling consistently throughout the world on missions trade development, inspection and appointment of Agents, goodwill, and in laying foundation for manufacture certain markets; and as Export Executive this country responsible also administration factories and subsidiary companies overseas.

He possesses valuable connexions many markets, practical experience overseas advertising, and expenditure, and desires interest firms anxious immediate development, and who recognise outstanding importance laying sound foundation abroad for export expansion when war ends.

Alternatively would act in advisory capacity export trade, or would operate as Export Agent British manufacturing interests.

Write CDB/368, London Office of this Paper.

STOCKTAKING ?

Good Stocktakers are scarce. You can halve the labour and do the job quickly and efficiently if you use the C. & D. Stocktaking Pads

C. & D. STOCKTAKING PAD

Price of Complete Pad, 2/6 post free from
The Chemist & Druggist, 28 Essex St., Strand, London, W.C.2

OPTICAL TUITION

FOR THE

S.M.C., B.O.A., and N.A.O. DIPLOMA Examinations

Particulars—

C.A. SCURR, F.S.M.O., F.B.O.A., F.N.A.O., F.I.O., F.C.O., M.P.S.

50 HIGH STREET, BARNET, LONDON, N.

SITUATIONS OPEN

RETAIL (HOME)

LONDON, S.W.—Assistant (Unqualified), for Dispensing and Family business. Reasonable hours and no Sunday duty. State age, height, details of experience, and salary required, to 377/781, London Office of this Paper.

LONDON, S.W.—Required, experienced Female Assistant, age about 25. Unqualified, for West End district. Write, giving full particulars. Box 680, Sells, Ltd., Brettenham House, Strand, W.C.2.

OXFORD. Two Junior Assistants required, male or female, one immediately, the other March 3. Particulars of age, experience, height and salary required, and copy of testimonials and photograph (returnable), to Bellamy's, Dispensing Chemists, Limited, 22a Merton Street, Oxford.

LADY Assistant, qualified, required for Chemist in Edgware, Middlesex. Write stating age, salary required, etc. 376/770, London Office of this Paper.

ASSISTANT (qualified or unqualified) required immediately. Good-class dispensing experience essential. Exempt from military service preferred. Full particulars, including references, salary required, and snap if possible, to W. K. Westlake, 255 Banbury Road, Oxford.

ASSISTANT (male). Permanent, capable and energetic. Assistant, commence duties during March. State in first instance your height, age, references and salary required—if possible enclose photograph. Frank Purcell, Chemist, 97 Strand Street, Douglas, Isle of Man.

ASSISTANT, qualified, required immediately for good-class business. Must be experienced Dispenser and Salesman. Apply in writing, giving usual particulars and salary required to E. J. Luck, 15 Southgate Street, Winchester.

CAPABLE Assistant required, with practical D. & P. experience (mainly Velox printing); permanency. Give full details age, salary required, and when at liberty. Baker, Chemist, Windsor.

COMPETENT Gentlemanly Assistant for counter and dispensing. State salary required, with full particulars in first letter. Two others. No N.H.I. E. Williams, Wellsbury, Bath.

QUALIFIED Lady, age not over 30, required for Branch. Full particulars to Patterson, Chemist, 31 The Parade, Claygate, Surrey.

QUALIFIED Assistant wanted for high-class business in Sussex. Single. State age, salary, and experience. 377/779, London Office of this Paper.

QUALIFIED Man (elderly preferred) or Woman wanted to cover safe area. Permanency to suitable one. Apply, with full particulars and salary required, CDB/362, London Office of this Paper.

QUALIFIED Lady or Gentleman required now, S. London business, salary £4 (no deductions). Good knowledge of dispensing, energetic and willing, age limit 50. Please send full particulars and references. An Unqualified assistant with good dispensing experience is eligible. CDB/366, London Office of this Paper.

QUALIFIED Manager wanted to develop working-class pharmacy in Bristol; energetic, and good window-dresser; optician preferred, but not essential; permanency for right man. Living accommodation included. State age, experience and salary required. CDB/365, London Office of this Paper.

QUALIFIED required for London West; able to take sole charge. State age, latest experience and salary required, to 377/772, London Office of this Paper.

SMART young Lady Assistant required for Counter and Display; permanency. Give particulars of experience, age, salary required, and when at liberty. Baker, Chemist, Windsor.

UNQUALIFIED Assistant, male or female, required for good-class family retail and dispensing business. No after-hours or Sunday duty. Write, giving age, height, experience, references and salary required outdoors. Dolman Pharmacy, Bath Road, Cheltenham.

UNQUALIFIED Manager required for Drug Store in Midland Reception City. Exempt military service; knowledge of cine advantage. Good salary offered. Give full details and send copy reference with first letter. CDB/353, London Office of this Paper.

UNQUALIFIED Young Lady Assistant required for Dispensing, some counter and window dressing. Apply stating salary required, experience, age, when free, etc., to G. W. Scaddan, Chemist, 214 Broadway, Didsot, Berks.

UNQUALIFIED Assistant required for good-class Pharmacy. Reply, stating age, experience, and salary required. W. K. Winfield, Solihull Pharmacy, Solihull, Warwickshire.

YOUNG Qualified Assistant required at once. Apply, stating full particulars and salary required to W. E. Orton, Orton's (Chemists), Ltd., 71 Riversley Road, Nuneaton.

YOUNG Lady Book-keeper for West End pharmacy. Dispensing experience an advantage. Apply, stating age and salary, required to CDB/376, London Office of this Paper.

WANTED by Doctor, Qualified Lady Dispenser and Book-keeper, Sussex; outdoor. State age, salary, experience, and give reference to 376/765, London Office of this Paper.

WHOLESALE

LONDON. Old-established Manufacturing House requires the services of an experienced Chemist to take charge of manufacturing and packing in their Pharmaceutical Dept. Must be active, a good organiser and not afraid of assisting with the practical work. Progressive opportunity for man of initiative and ability. Write full particulars regarding salary, experience, etc. CDB/375, London Office of this Paper.

LONDON Chemical Merchants require Warehouse Assistant, able to help in manufacturing and packing ointment and other proprietaries. Some previous experience an advantage. State full particulars and salary required to 377/780, London Office of this Paper.

ASSISTANT required for small laboratory as Ampoule Filler and Finisher. Reply, stating age, experience and salary required, CDB/370, London Office of this Paper.

CHARGE Hand for Wet and Dry Room. Knowledge of dangerous drugs and records essential. (Exempt military service.) Apply giving full particulars to Messrs. W. H. Legat, Ltd., Manufacturing Chemists, Kay Street, Bolton, Lancs.

CHEMIST required in London chemical works with experience in synthesising new organic preparations. Progressive position to right man. Write, stating age, qualifications, experience, salary required and position regarding military service to 377/777, London Office of this Paper.

INVOICE Clerk required for London Wholesale Druggists. Write, stating experience, etc. 365/381, London Office of this Paper.

LADY Pharmacist required to act as Representative for well-known manufacturing Chemists doing propaganda exclusively with doctors, hospitals, dentists, and pharmacists. State age, education, full details business experience (previous representative experience not essential), and salary required. Box 395, C. Mitchell & Co., Ltd., 1 Snow Hill, London, E.C.1.

MANUFACTURERS of a wide range of pharmaceutical preparations require a Man or Woman to take charge of the marketing of a group of their products retailing through pharmacists. Applicants should understand the distinction between marketing and selling. Work will require a good knowledge of modern marketing methods, including market research on new and existing lines. Experience of overseas markets would be an asset. The position which will be under the supervision of the Publicity Manager, is a permanent and progressive one. Applications should include full particulars of experience and where gained, age, salary required and when free. Reply to 377/775, 27 Pilgrim Street, London, E.C.4.

POWDER Department of large London Manufacturing Chemists. Experienced man wanted as First Counter Hand. Must be capable of controlling staff and organising. Write giving details of experience. CDB/363, London Office of this Paper.

REQUIRED immediately, Works Manager for Manufacturing Chemists near London. Apply, stating age, qualifications, details of previous experience, and salary, to 377/773, London Office of this Paper.

TABLET Maker and Sugar Coater wanted for London Wholesale Druggists. 365/382, London Office of this Paper.

UNQUALIFIED assistants wanted for Wet and Dry counters. Write 377/778, London Office of this Paper.

WANTED, Traveller calling chemists, to carry extra pharmaceutical speciality—the only one of its kind. Please mention area willing to cover. Good commission given. Write in strict confidence, CDB/373, London Office of this Paper.

SITU

PHARMACEUTICAL as Consultant facturing of Biological London Office of this Paper.

UNQUALIFIED lands preferred Wholesale. Excellent Office of this Paper.

UNQUALIFIED goods, etc. N references. 376/765.

REPRESENTATIVE Limitation of and Home Counties Stores, with Sundries Car if required. 377/780.

FOR SALE.—Best or per cwt. in.

GLASS Tubes for about 300,000 Road, Clapham, S.

8 LB. Bismuth Trag. B.P., 4 Cit. Best offers London Office of this Paper.

BACK Numbers 1939 to Sept subscriber. Will post. Offers to CDB/372.

CITRIC ACID.—1 cwt. and Granular B.P. Write.

SECTION

Wholesalers quota under with Roger London, N.

MICTASOL Tablets kindly advise who will gladly purchase.

OILS and Fats (refined and) Road, London, W.

PESSARY Mould Mulholland, C.

SACCHARIN 550 paid. Write to.

SACCHARIN. Good price paid.

WANTED. Tins round or square.

SAC

Chemist will 1,000 for full Any quantity.

AGENCIES

EXPORT to India. Well-known manufacturer of Ethical Pharmaceutical Products strongly recommends Indian Agent who desires representation of similar but non-competitive products. CDB/374, London Office of this Paper.

BUSINESSES FOR DISPOSAL

BLACKPOOL.—Chemist's lock-up shop, large residential district. Rent 24s. per week, clear. Apply 376/744, London Office of this Paper.

BUSINESS FOR SALE owing to owner's death. Situated safe area Scotland. Turnover last year £1,200, but this can be increased by personal attention which owner was unable to give owing to illness. Stock and fittings valued at £356. CDB/371, London Office of this Paper.

MISCELLANEOUS

COSMETIC Manufacture.—Expert Formulae supplied for all types of Cosmetic preparations. Full directions given for small-scale manufacture using available war-time materials. Cosmetic Formulations, 44A Lamb's Conduit Street, London, W.C.1.

MAKING-UP WANTED

London Manufacturer wanted to make up advertiser's own formulae. Facilities for labelling and packing desirable but not essential. All components supplied; simple process. 7/10,000 dozen (two products, one summer and one winter) annually. CDB/357, London Office of this Paper.

BABY KNICKERS

Waterproof. Sizes: small, medium, large

Best untearable 10/6 per doz. 114/- per gross
Matt superfine 13/- per doz. 144/- per gross
Polished oil-silk 21/6 per doz. 234/- per gross

BABY COT SHEETS

Jaconet, size 22 x 27. 20/9 per doz. 237/- per gross.
" size 36 x 30. 32/- per doz. 348/- per gross.
Rubber: fitted with brass eyelets. Size 27 x 18. 28/- per doz. 312/- per gross.
" size 27 x 36. 44/- per doz. 492/- per gross.

WHITE NURSING APRONS

Jaconet, price 27/- per doz. 240/- per gross.
Rubber, price 38/6 per doz. 450/- per gross.
All above goods are waterproof and purchase tax is included in the price.

Immediate delivery. Terms: Net cash with order.
Special prices quoted to the wholesale trade.

Representatives wanted on commission all districts not already covered.

L. GOLOSTEIN - (Dept. C.D.) 113 DICKSON ROAD, BLACKPOOL

PREMISES TO LET

SMALL Factory, Epsom, Surrey, 1,500 sq. ft. Advertiser, not a chemist but with manufacturing experience; would let at very low rental if guaranteed employment. Highest references furnished. Or would consider any sound manufacturing proposition on equal financial starting terms. "Percival," 3 College Road, Epsom.

VETERINARY
COUNTER PRACTICE

(NEW AND REVISED EDITION. 480 pages.)

This book describes diseases of horses, cattle, sheep, goats, pigs, dogs, cats and poultry and suitable remedies therefor.

Special chapters are allotted to Infection, Immunity, vaccine therapy and posological tables. Legal information is included in regard to veterinary practice—the use of Methylated Spirit in veterinary preparations, The Contagious Diseases (Animals) Act, Protection of Animals Act, 1911, Animals Anæsthetics Act, 1919, and a useful list of Ministry of Agriculture publications. Many tried and tested veterinary formulae are included. This book supplies up-to-date information on veterinary matters in accurate and concise form. It quickly repays its moderate cost.

Price 10/- 10/6 post free

Send your order at once to

THE PUBLISHER



CHEMIST AND DRUGGIST

28 ESSEX STREET, STRAND, LONDON, W.C.2

LATE NEWS

Birmingham Analyst's Report.—The city analyst of Birmingham has reported that in the fourth quarter of 1940 his department tested 175 samples of drugs under the Food and Drugs Acts. Of these two were deficient. One sample of hydrogen peroxide contained only 6.8 instead of 10 volumes of available oxygen.

The retailer was asked by his wholesale dealers to send a bottle out of stock to them for analysis. This also was found to be deficient in strength, and the remainder of the stock was thereupon returned to the wholesalers for replacement. The retailer was cautioned. The other deficient sample was of seidlitz powders, the white paper containing a 17 per cent. excess of tartaric acid.

The excess was attributed by the packers to defective machinery; a new machine had been installed and they hoped no further trouble would occur. A caution was given.

Crosby Pharmacists' Association.—In accordance with a policy of holding monthly throughout the winter, meetings of a scientific character, the Association met recently to hear a lecture by Dr. D. Blair Macaulay on "Shock, Hemorrhage and Transfusion." The president (Mr. H. A. Pringle) occupied the chair. Dr. Macaulay described the composition of blood, demonstrated its coagulation, and discussed the nature of shock caused by injuries or hemorrhage. Outlining the methods of dealing with shock by transfusion, he compared the merits of normal saline, gum-saline, blood from an individual donor, blood from a blood-bank, and plasma, in normal strength, concentrated, and dried. Dr. Macaulay passed round for inspection a bottle of plasma, and explained the technique of plasma transfusion, using Prof. Davies' apparatus. Mr. Plevin (honorary pathologist, Waterloo Hospital) demonstrated the method of "typing" blood and exhibited slides under the microscope. After the discussion which followed Mr. Plevin "typed" several members.—At the January meeting, at which the president was again in the chair, H. Maxwell Duncan, B.Sc., Ph.D. (gas-identification officer, Crosby), gave an address on "The Identification of War Gases." He gave details of the classification of gases according to their physiological effects, and of the chemical tests for mustard and arsine. To demonstrate that arsine imparted a yellow coloration to bromide paper, Dr. Duncan generated some of the gas at the meeting. He also demonstrated the use of the official apparatus for detection of mustard gas (blue colour from io-ime-starch reaction).

ARE YOU UNEMPLOYED AS A DIRECT RESULT OF THE WAR ? IF SO, READ THIS

In order to assist employees who have lost their employment, either through enemy action or through businesses being closed down in defence areas, a scheme of free advertisements in the "Situations Wanted" column of this Supplement will be available until further notice.

Any such employee of a retail pharmacist whether qualified or not, or any employee of works producing or distributing products in connexion with the drug and associated industries is invited to make full use of this facility without charge.

Advertisements should be accompanied by particulars of last employment and cause of its termination, and should be addressed to The Publisher, The Chemist and Druggist, The Pitman Press, Bath, to arrive not later than WEDNESDAY morning of week of issue.

WAR-TIME UNEMPLOYMENT SITUATIONS WANTED

The advertisements in this section are inserted free and are from advertisers who have lost their employment as a direct result of the war.

Prospective employers are requested to give them special consideration.

Advertisers in this Section should advise us immediately employment has been secured.

RETAIL

BIRMINGHAM district preferred. Advertiser, over military age, thoroughly experienced retail, wholesale, medical and institutional dispensing, good appearance and address, excellent references, reasonable salary. Bombed out of last billet. Free now. CDB/364, London Office of this Paper.

CHEMIST (45) disengaged through enemy action. 20 years' good all-round London and Provincial experience. Manager or Assistant. Go anywhere. CDB/329, London Office of this Paper.

DISPENSER-BOOKKEEPER requires post with doctor or in hospital. Good experience and testimonials. Dispenser, 30 Woodland Way, Mill Hill, N.W.7.

LADY Dispenser (Hall) requires post. Good experience. South-Central England or Home Counties preferred. Apply Dispenser, 84 Embleton Road, Lewisham, S.E.13.

LADY Dispenser, all-round experience, Hall qualification, would assist Dr., Chemist, or an Institution. Part-time Dispensing, Stock, etc. Write, 73 Harborough Road, Streatham, S.W.16.

LADY Dispenser (Hall) requires post, Doctor, Hospital, or Institution. Experienced. Apply, Dispenser, 19 Abbey View Road, St. Albans, Herts.

MANAGER (Drug Stores), Senior experienced man; anywhere; present situation lost solely through war conditions in London; satisfactory reference. CDB/347, London Office of this Paper.

PHARMACIST (35), married, last situation 4 years, desires permanency. Good London and Provincial experience. Conscientious and reliable. "Chemist," 5 Hencomer Drive, Leeds, 7.

UNQUALIFIED (41), married, 15 years' experience, disengaged owing to enemy action, 4½ years in last situation, desires permanency, between Reading and Plymouth. Conscientious and reliable. J. D. Reed, c/o Dr. Reed, Peppard Common, Nr. Reading, Berks.

WHOLESALE

A REPRESENTATIVE, aged 30, disengaged owing to enemy action; exempt military service; highest references; splendid connexion in London and eight counties; very well known to Chemists, Hairdressers and Stores; able to drive car; seven years' experience. Write, "W," 9 Warkworth Gardens, Osterley, Middx.

A WELL-KNOWN REPRESENTATIVE, covering Warwickshire, Staffordshire, and Worcestershire; many years on this ground. Good references. Toilets and Chemists' Goods. On commission basis. CDB/348, London Office of this Paper.

CHEMIST (42), wide experience, Analytical and Works, Foods and Drugs, Pharmaceuticals, Oils, etc. Position of responsibility required. CDB/343, London Office of this Paper.

FRIENDLY alien (46), unfit for military service, desires post as Assistant in chem. pharm. laboratory or factory, research and bacteriological routine, tablet making, supervisor packing department, etc.; central-registered with the Ministry of Labour. S. Tuckner, 43 Murray Street, Salford, 7, Manchester.

LADY (26), Czech degree as dispensing chemist, desires post, preferably Laboratory Assistant, research work. Three years' continental experience. Sound chemical knowledge. Apply, Zella Mayer, 9 Woodstock Street, Oldham.

MANUFACTURING Chemist and Dry Drug Charge-hand (29) requires permanent post; 14 years' experience. Works destroyed by enemy action; exempt military service. Arnold, 45 Argie Avenue, Leeds, 4.

MEDICAL Propagandist (33), disengaged owing to enemy action, seeks post with firm of repute. Successfully represented well-known house for 7 years. Excellent references. J. R. Hughes, 71 Coledale Drive, Stanmore, Middx.

PHARMACEUTICAL Chemist (40), with 24 years' wholesale experience in manufacturing and executive positions, desires post in similar capacity. Present firm's activities entirely suspended due to enemy action. CDB/317, London Office of this Paper.

REPRESENTATIVE (42), disengaged owing to enemy action. Eighteen years' experience calling on Chemists, Hairdressers and Store (Wholesale and Retail). Lancashire, Cheshire and North Wales. Highest credentials. CDB/342, London Office of this Paper.

REPRESENTATIVE, over military age, disengaged owing to Limitation of Supplies Order, 16 years' perfumery, excellent London connexion, wholesale and retail. Highest reference. 375/723, London Office of this Paper.

REPRESENTATIVE, disengaged owing to enemy action. Has represented well-known London firm in the Midlands and Eastern Counties ground in all sides of pharmacy. Over military age. Car driver. Excellent references. Twenty years' experience. "Rhei," "St. Moritz," Wellington Road, Mablethorpe, Lincs.

REPRESENTATIVE, over military age, disengaged owing to enemy action, has successfully represented well-known firm in South Western Counties for twenty years. Has confidence of all Chemists, Stores, etc.; Perfumery, Cosmetics, Sundries. Packed Goods. Car driver. Highest credentials. H. Russ, "Green Acres," 9 Brickhouse Hill, Tiverton, Devon.

REPRESENTATIVE.—Twenty years' experience on the road. East Anglia, South Midlands, etc., calling on Chemists, Hairdressers, and Stores. Disengaged owing to enemy action. Excellent reference. Car driver. Apply CDB/318, London Office of this Paper.

REPRESENTATIVE, over military age, disengaged owing to enemy action, 20 years' experience on Scottish territory, over 1,000 open accounts, car driver, can successfully handle proprietary lines, perfumery and cosmetics, packed goods and drugs, open for salaried position or would consider agency. Commission and expenses basis. CDB/367, London Office of this Paper.

UNQUALIFIED (23½), bombed out, seeks responsible post as Dispenser or Warehouse Assistant. Experience of both. Lately charge hand in drug warehouse. Exempt military service. Bowdren, 236 Burley Road, Leeds, 4.

BRITISH MADE ALKALOIDS AND FINE CHEMICALS

Whiffen

BROMIDES IODIDES

MERCURIALS • ATROPINE
CAMPHOR • NICOTINIC ACID • SALICIN
CAFFEINE • EMETINE • QUININE
STRYCHNINE • NICOTINE • VERMILION
PRUNELLA • ESSENTIAL OILS
CLOVE OIL • SANDALWOOD OIL
ALMOND OIL • EXTRACT OF IPECAC. LIQ.
DRUG GRINDING

WHIFFEN & SONS LTD

INCORPORATING GEORGE ATKINSON & COMPANY. EST 1654

FULHAM, LONDON, S.W.6

'Phone FULham 0037

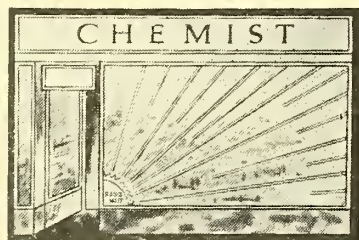
'Grams WHIFFEN LONDON



call for

Radio-Malt

this winter



**Radio-Malt Anti-Splinter
Strips Protect Windows
and Help Sales**

To help build your sales of Radio-Malt and to contribute to war-time safety we have incorporated Radio-Malt publicity matter in an anti-splinter window device. The material is attractive and bold—yet dignified enough for any window. The paper of the device is gummed and varnished and is affixed to the OUTSIDE of the window. Supplied in sufficient quantity to permit alternative arrangements from the three standard designs suggested. One or more packages free to any pharmacist on request.

Every jar you sell
helps to maintain
National Health

Countless families are spending whole nights in private or public shelters.

Normal feeding will not replace their energy lost through this lack of sleep—nor yield the 'body-fuel' required for warmth through the cold winter nights ahead.

But the health of the Nation *must* be maintained. So sell Radio-Malt—the vitamin food for war-time nutrition.

**NOW EXEMPT
FROM PURCHASE TAX**

P.A.T.A. PRICES

(Home Trade)

2/-, 3/6, 6/6, less 33½% to pharmacists
Special terms for displays

A product of THE BRITISH DRUG HOUSES LTD., LONDON, N.1

T.G.S.

